



CURRÍCULUM VÍTAE NORMALIZADO



Jaume Veciana Miró

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CURRÍCULUM VÍTAE NORMALIZADO

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Summary of CV

This section describes briefly a summary of your career in science, academic and research; the main scientific and technological achievements and goals in your line of research in the medium -and long- term. It also includes other important aspects or peculiarities.

RESEARCH AREAS: Chemistry of materials, multifunctional molecular materials, molecular nanoscience and technology, and molecular nanomedicine.

RECENT SCIENTIFIC ACTIVITIES:

General Fields: Main research activities have been focused on functional molecular materials with metallic –transport, magnetism, and optical- properties, supramolecular materials and to the development of molecular nanoscience and nanotechnology. Research was also aimed towards the development of new processing methods for structuring functional molecular materials as nanoparticles and on surfaces. More recently research and technological activities addressed to develop, transfer and translate to the health system of novel molecule-based nanomedicines.

Specific Interests: Design, synthesis, and studies of low-dimensional organic metals, organic superconductors; design, modelization, synthesis, and studies of purely organic and metal-organic molecular-based magnets, high-spin molecules, and single-molecule magnets; supramolecular chemistry, structural studies of organic compounds; organic solid state chemistry; preparation and studies with optically active atropisomeric chiral polymers; synthesis, structural characterization, and physico-chemical studies of free radicals, high-spin molecules, organic ions and ion-radicals, and valence tautomers; organic physical chemistry studies, thermodynamic and kinetic studies of chemical systems and unstable species; electron spin resonance spectroscopy; stereoisomerism, atropisomeric phenomena and chiral recognition in chromatography and dynamic HPLC-chromatography. Development of new crystallization/precipitation techniques for the preparation of organic materials using supercritical and compressed fluids. Molecular biomaterials and nanomedicines.

Developed scientific activities:

- A) Molecular functional materials**
- B) Molecular nanoscience and technology**
- E) Molecular nanomedicine**



General quality indicators of scientific research

This section describes briefly the main quality indicators of scientific production (periods of research activity, experience in supervising doctoral theses, total citations, articles in journals of the first quartile, H index...). It also includes other important aspects or peculiarities.

Scientific and technological production:

J. Veciana has published along his whole research, according with WoS, 589 articles which have been cited 18 033 times (15 425 times when excluding self-citations) with an average of 30.66 citations per article and an H-index of 66. In the last five (5) years he has published 73 articles, which have been cited 690 times (590 when excluding self-citations) with an average of 9.45 citations per article and an H index of 14. More than 52% of his original research work were published in the journals of highest impact in the areas of Chemistry, Physics and Material Science, accordingly to the SCOPUS database. He has filed 23 international and national invention patents at different patent offices. Seven of these patents extended to different countries, licensed to national or international companies and a few of them are in exploitation.

Co-Founder of ACTIVERY BIOTECH, SL, 2006.

Co-Founder of NANOMOL Technologies, SA, 2010 and current senior scientific advisor. This company has a c.a. 1.2M€ of annual incomes and 15 persons working in nanomedicine developments. J. Veciana has accredited 6 research sections (6 years) up to date. He has also supervised 29 PhD doctoral theses and mentored 23 postdocs during his scientific career.

Creation of a research group and mentoring activities:

Creation of the NANOMOL research group at ICMAB (CSIC) on 1991; which is actually composed by 8 Senior Researchers, 7 Postdoctoral fellows, 23 PhD students, 2 Technicians and 1 Secretary.

Supervising and training at the NANOMOL research group more than 50 Postdocs, and PhD students

Mentoring of PhD students and postdoctoral fellows that have worked in NANOMOL group. Many of them have a current successful academic/research career. Among them, 12 got a permanent positions at University or Research Centers as professors/researchers, 18 are working at industries with leading positions (CEO, R&D directors, etc), and 16 are currently performing a Postdoc. 3 Fellows (Nora Ventosa, José Vidal and Imma Ratera) with promising excellent careers are still collaborating with the PI in his team. Amongst the fellows that have an independent academic career as excellent researchers, one can mention: D.B. Amabilino, full professor at Nottingham University; X.Ribas, professor at Universitat de Girona awarded on 2011 with an ERC StG; M. Mas-Torrent, awarded on 2012 with an ERC StG; D. Maspoch, ICREA professor at the ICN, awarded on 2013 with an ERC StG; D. Ruiz-Molina, researcher at CIN2 (CSIC); L. Catala, professor at Paris-Sud University, P. Gerbier, professor at Montpellier II University; and N. Roques, professor at Toulouse University.

Economic resources generated by the NANOMOL research group since its creation:

Competitive research projects financed by national public agencies

Total since NANOMOL's creation (54 projects): 5 669 417 €;

Competitive research projects financed by European and international agencies

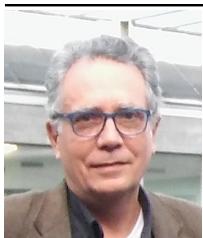
Total since NANOMOL's creation (25 projects): 4 398 177 €;

Competitive research projects financed by companies and private consortia



Total since NANOMOL's creation (50 projects): 1 621 330 €

Grand total since its creation: 11 688 924 € (48.5%national public; 37.6% European public; 13.9%private)



Jaume Veciana Miró

Surname(s):	Veciana Miró
Name:	Jaume
ORCID:	0000-0003-1023-9923
ResearcherID:	A-2147-2008
Date of birth:	01/06/1950
Gender:	Male
Nationality:	Spain
Country of birth:	Spain
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City of birth:	San Salvador
Contact address:	Campus de la UAB
Rest of contact address:	Campus de la UAB
Postcode:	08006
Contact country:	Spain
Contact aut. region/reg.:	Catalonia
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Current professional situation

Employing entity: ICTS NANBIOSIS

Professional category: Scientific Director

Start date: 01/07/2015

Type of contract: Civil servant

Dedication regime: Full time

Primary (UNESCO code): 230600 - Organic chemistry; 230700 - Physical chemistry

Performed tasks: The professional activity currently carried out in NANBIOSIS is its managing and scientific coordination of this virtual large infrastructure network. It is a national infrastructure for the Production and Characterization of Nanomaterials, Biomaterials and Systems in Biomedicine. NANBIOSIS is one of the 29 existing Large Singular Scientific Technological Infrastructures (ICTS) recognized by the Spanish Government (<http://www.mineco.gob.es/> portal/site/mineco/idi). NANBIOSIS is an integrated approach of 27 coordinated units that has a cutting-edge scientific and technological infrastructure offering its services under a single contact point model. It is supported by some of the main Spanish research groups in bioengineering, biomaterials and nanomedicine. NANBIOSIS provides a complete service that includes the design, the production of biomaterials and nanomaterials (conjugated or not) and the characterization of these bio and nanomaterials, tissues, medical devices and systems from a physical, chemical, functional, toxicological and biological point of view up to the complete preclinical validation, for different biomedical applications: IVDs, Biosensors, Regenerative Medicine, Drug Systems Delivery, Therapeutic Agents, MRI Contrast Agents, Medical Devices and Systems.

Identify key words: Organic materials

Employing entity: CIBER BIOINGENIERIA BIOMATERIALES Y NANOMEDICINA (CIBER-BBN)

Department: NANOMOL

Professional category: Group Leader

**Start date:** 01/12/2006**Type of contract:** Civil servant**Dedication regime:** Full time**Primary (UNESCO code):** 230600 - Organic chemistry; 230700 - Physical chemistry

Performed tasks: The professional activity carried out in the NANOMOL group is the direction and coordination of its scientific and technological activities. NANOMOL is a research group that contributes to the advancement of knowledge in the field of molecular nanomedicine, molecular nanoscience and technology, and functional molecular materials. The multidisciplinary research we carry out aims at self-assembly, nanostructuring, and processing of functional molecules (bio- and electro-active) in the form of crystals, particles, vesicles, and structured or self-assembled monolayers on various substrates showing some unconventional chemical, physical and biological properties. To carry it out we use various methodologies but a special emphasis is placed on supercritical fluid technology. The resulting molecular organizations/systems are studied and used in the fields of Nanomedicine, Molecular electronics and magnetism, and Biomaterials.

Identify key words: Organic materials**Employing entity:** Instituto de Ciencia de los Materiales de Barcelona (CSIC)**Type of entity:** R&D Centre**Professional category:** Profesor de Investigación; Director de Departamento**Start date:** 01/05/1996**Type of contract:** Civil servant**Dedication regime:** Full time**Primary (UNESCO code):** 230600 - Organic chemistry; 230700 - Physical chemistry

Performed tasks: Main research activities developed in the NANOMOL group have been focused on functional molecular materials with metallic transport, magnetism, and optical- properties, supramolecular materials, and the development of molecular nanoscience, nanotechnology, and nanomedicine. The research aims towards the development of new processing methods for structuring functional molecular materials as nanoparticles and on surfaces. Specific Interests: Design, synthesis, and studies of low-dimensional organic metals, organic superconductors; design, modelization, synthesis, and studies of purely organic and metal-organic molecular-based magnets, high-spin molecules, and single-molecule magnets; supramolecular chemistry, structural studies of organic compounds; organic solid-state chemistry; preparation and studies with optically active atropisomer chiral polymers; synthesis, structural characterization, and physicochemical studies of free radicals, high-spin molecules, organic ions, and ion-radicals, and valence tautomers; organic physical chemistry studies, thermodynamic and kinetic studies of chemical systems and unstable species; electron spin resonance spectroscopy; stereoisomerism, atropisomeric phenomena and chiral recognition in chromatography and dynamic HPLC-chromatography. Development of new crystallization/precipitation techniques for the preparation of organic materials using supercritical and compressed fluids. Last but not least, during last 15 years activities have been focused also on the development and study of novel biomaterials and nanomedicine with the main goal to transfer and translate them to companies and the health system.

Identify key words: Organic materials

Previous positions and activities

	Employing entity	Professional category	Start date
1	Institut de Ciència de Materials de Barcelona	Investigador Científico	01/02/1991
2	Centre d'Investigació i Desenvolupament	Investigador Científico	01/02/1989
3	Instituto de Química Orgánica Aplicada	Colaborador Científico	01/02/1979
4	Johns Hopkins University (USA)	Visiting Fellow	30/11/1982
5	Instituto de Química Orgánica Aplicada	Becario Postdoc	01/09/1978
6	Instituto de Química Orgánica Aplicada	Becario	01/01/1974
7	Instituto de Química Orgánica Aplicada	Becario	01/10/1973



- 1** **Employing entity:** Institut de Ciència de Materials **Type of entity:** State agency
de Barcelona
Professional category: Investigador Científico
Start-End date: 01/02/1991 - 01/05/1996 **Duration:** 5 years - 3 months
- 2** **Employing entity:** Centre d'Investigació i Desenvolupament **Type of entity:** State agency
Professional category: Investigador Científico
Start-End date: 01/02/1989 - 31/01/1991 **Duration:** 2 years
- 3** **Employing entity:** Instituto de Química Orgánica Aplicada **Type of entity:** State agency
Professional category: Colaborador Científico
Start-End date: 01/02/1979 - 31/01/1989 **Duration:** 10 years
- 4** **Employing entity:** Johns Hopkins University (USA) **Type of entity:** State agency
Professional category: Visiting Fellow
Start-End date: 30/11/1982 - 01/12/1983 **Duration:** 1 year
- 5** **Employing entity:** Instituto de Química Orgánica Aplicada **Type of entity:** State agency
Professional category: Becario Postdoc
Start-End date: 01/09/1978 - 31/01/1979 **Duration:** 5 months
- 6** **Employing entity:** Instituto de Química Orgánica Aplicada **Type of entity:** State agency
Professional category: Becario
Start-End date: 01/01/1974 - 31/12/1976 **Duration:** 3 years
- 7** **Employing entity:** Instituto de Química Orgánica Aplicada **Type of entity:** State agency
Professional category: Becario
Start-End date: 01/10/1973 - 01/12/1973 **Duration:** 2 months



Education

University education

1st and 2nd cycle studies and pre-Bologna degrees

University degree: Higher degree

Name of qualification: Licenciado en Ciencias Químicas Sección Química Fundamental Opción Química Orgánica

Degree awarding entity: Universitat de Barcelona **Type of entity:** University

Date of qualification: 01/06/1973

Doctorates

Doctorate programme: Programa Oficial de Doctorado en Ciencia y Tecnología Química

Degree awarding entity: Universitat de Barcelona **Type of entity:** University

Date of degree: 01/11/1977

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
Catalan	A1	A1	A1	A1	A1
Spanish	A1	A1	A1	A1	A1
English	A1	A1	A1	A1	A1

Teaching experience

General teaching experience

- 1 **Name of the course:** Nanotech Applications and Emerging Opportunities: Nanomedicine

University degree: Master en Nanociencia y Nanotecnología

Start date: 2008

End date: 2012

Entity: Universitat Autònoma de Barcelona

Type of entity: University

- 2 **Name of the course:** Molecular Electronics

University degree: Master en Nanociencia y Nanotecnología

Start date: 2008

End date: 2010

Entity: Universitat de Barcelona

Type of entity: University

- 3 **Name of the course:** Nanotech Applications and Emerging Opportunities: Molecular Electronics

University degree: Master en Nanociencia y Nanotecnología

Start date: 2007

End date: 2008



Entity: Universitat Autònoma de Barcelona

Type of entity: University

4 Name of the course: Materiales Moleculares Orgánicos con Propiedades Eléctricas y Magnéticas

University degree: Doctorado en Ciencia de Materiales

Start date: 1998

End date: 2007

Entity: Universitat Autònoma de Barcelona

Type of entity: University

Faculty, institute or centre: Facultad de Ciencias

5 Name of the course: Nuevos Materiales Orgánicos

University degree: Doctorado en Química

End date: 31/05/2000

Start date: 30/10/1999

Type of entity: University

Entity: Universitat de Barcelona

Faculty, institute or centre: Químicas

6 Name of the course: Nuevos Materiales Orgánicos

University degree: Doctorado en Química

End date: 2000

Start date: 1999

Type of entity: University

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultad de Química

7 Name of the course: Nuevos Materiales Orgánicos con Propiedades Metálicas

University degree: Doctorado en Química y Física

End date: 2000

Start date: 1999

Type of entity: University

Entity: Benemérita Universidad de Puebla (México)

8 Name of the course: Materiales Orgánicos Ferromagnéticos

University degree: Doctorado

End date: 1997

Start date: 1997

Type of entity: University

Entity: Universidad Complutense de Madrid

9 Name of the course: Nanociencia y Nanotecnología

University degree: Master en Nanociencia y Nanotecnología

Type of entity: University Department

Entity: Universitat Autònoma de Barcelona

10 Name of the course: Nanociencia y Nanotecnología

University degree: Master en Nanociencia y Nanotecnología

Type of entity: University Department

Entity: Universitat Autònoma de Barcelona

11 Name of the course: Nanociencia y Nanotecnología

University degree: Master en Nanociencia y Nanotecnología

Type of entity: University Department

Entity: Universitat Autònoma de Barcelona



Experience supervising doctoral thesis and/or final year projects

- 1 Project title:** Molecular and supramolecular strategies for highly luminescent trityl radical and their sensing applications

Type of project: Doctoral thesis

Co-director of thesis: Jaume Veciana; Imma Ratera

Entity: Universitat Autònoma de Barcelona

Type of entity: University

Student: Davide Blasi

Date of reading: 19/05/2017

- 2 Project title:** New Fluorescent Nanovesicles, by Self-assembly of Organic Fluorophores, Sterols and Surfactants, as Probes for Bioimaging

Type of project: Doctoral thesis

Co-director of thesis: Jaume Veciana; Nora Ventosa

Entity: Universitat Autònoma de Barcelona

Type of entity: University

Student: Antonio Ardizzone

Date of reading: 28/04/2017

- 3 Project title:** Multifunctional materials based on TTF-PTM dyads: towards new molecular switches, conductors and rectifiers

Type of project: Doctoral thesis

Co-director of thesis: Jaume Veciana; Imma Ratera

Entity: Universitat Autònoma de Barcelona

Type of entity: University

Student: Manuel Souto

Date of reading: 22/07/2016

- 4 Project title:** Syntesis and characterization of dendrimers functionalized with stable radicals

Type of project: Doctoral thesis

Co-director of thesis: José Vidal Gancedo

Entity: Universitat Autònoma de Barcelona

Type of entity: University

Student: Jose Luis Muñoz Gómez

Date of reading: 17/04/2015

- 5 Project title:** Synthesis, characterization and nanostructuration of D-A systems based on Fc-PTM dyads

Type of project: Doctoral thesis

Co-director of thesis: Immaculada Ratera Bastardas

Entity: Universitat Autònoma de Barcelona

Type of entity: University

Student: Dayana Cristina Morales Acosta

Obtained qualification: Excelenta Cum Laude

Date of reading: 06/03/2015

- 6 Project title:** Nanoengineering of molecular and biomaterials for biomedical applications

Type of project: Doctoral thesis

Entity: Universitat Autònoma de Barcelona

Type of entity: University

Student: Witold Tatkiewicz

Obtained qualification: Excelente Cum Laude

Date of reading: 16/01/2015



7 Project title: Towards plastic electronic Sensing devices with TTF-based molecular conductors as active components

Type of project: Doctoral thesis

Entity: Universitat Autònoma de Barcelona

Type of entity: University

Student: Victor Lebedev

Obtained qualification: Excelente Cum Laude

Date of reading: 18/12/2014

8 Project title: Nanovesicle-Bioactive Conjugates to be used as Nanomedicines, Prepared by a One-Step Scalable Method using CO₂-Expanded Solvents

Type of project: Doctoral thesis

Co-director of thesis: Nora Ventosa

Entity: Universitat Autònoma de Barcelona

Type of entity: University

Student: Ingrid Cabrera

Obtained qualification: Sobresaliente "Cum Laude"

Date of reading: 26/11/2013

9 Project title: Multifunctional Molecular Materials Based on Donor-Acceptor System

Type of project: Doctoral thesis

Co-director of thesis: Imma Ratera

Entity: Universitat Autònoma de Barcelona

Type of entity: University

Student: Judit Guasch Camell

Date of reading: 16/09/2011

10 Project title: Synthesis of Novel PTM Radical Derivatives and Surface Functionalization

Type of project: Doctoral thesis

Co-director of thesis: Veronica Mugnaini

Entity: Universitat Autònoma de Barcelona

Type of entity: University

Student: Malena Oliveros Collantes

Obtained qualification: Sobresaliente "Cum Laude"

Date of reading: 2011

11 Project title: Processing and Structuring of Molecular Materials for Environmental and Biomedical Applications

Type of project: Doctoral thesis

Co-director of thesis: Imma Ratera

Entity: Universitat Autònoma de Barcelona

Type of entity: University

Student: César Díez Gil

Obtained qualification: Sobresaliente "Cum Laude"

Date of reading: 2010

12 Project title: Synthesis and Properties of Multifunctional Single Molecule Magnets

Type of project: Doctoral thesis

Co-director of thesis: David Amabilino

Entity: Universitat Autònoma de Barcelona

Type of entity: University

Student: Mathieu Gonidec

Obtained qualification: Sobresaliente "Cum Laude" Premio Extraordinario de Doctorado 2009-2010

Date of reading: 2010

13 Project title: Desarrollo de nuevos procesos con fluidos comprimidos para la obtención de sistemas nanodispersos (nanoliposomas, nanoemulsiones, nanosuspensiones)

Type of project: Doctoral thesis

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Co-director of thesis: Nora Ventosa**Entity:** Universitat Autònoma de Barcelona**Type of entity:** University**Student:** M^a Antonia Cano Sarabia**Obtained qualification:** Sobresaliente "Cum Laude"**Date of reading:** 2009**14 Project title:** Materiales moleculares multifuncionales magnéticos porosos basados en radicales policlorotifenilmetilos funcionalizados**Type of project:** Doctoral thesis**Co-director of thesis:** Nans Roques**Entity:** Universitat Autònoma de Barcelona**Type of entity:** University**Student:** Angela Datcu**Obtained qualification:** Sobresaliente "Cum Laude"**Date of reading:** 2009**15 Project title:** Utilización del proceso DELOS para la obtención de micro- y nano-cristales de sólidos moleculares orgánicos con propiedades de interés**Type of project:** Doctoral thesis**Co-director of thesis:** Nora Ventosa**Entity:** Universitat Autònoma de Barcelona**Type of entity:** University**Student:** María Muntó Garrigós**Obtained qualification:** Sobresaliente "Cum Laude"**Date of reading:** 2009**16 Project title:** Materiales moleculares magnéticos basados en radicales policlorotifenilmetílicos siguiendo la estrategia metalorgánica**Type of project:** Work leading to an ASD**Entity:** Universitat Autònoma de Barcelona**Type of entity:** University**Student:** Angela Datcu**Date of reading:** 2007**17 Project title:** Desarrollo de Nuevo Método "DELOS-SUSP" con Fluidos Comprimidos para la Preparación de Sistemas Dispersos**Type of project:** Work leading to an ASD**Entity:** Universitat Autònoma de Barcelona**Type of entity:** University**Student:** Antonia María Cano Sarabia**Date of reading:** 2006**18 Project title:** Desenvolupament del nou mètode DELOS® de cristal·lització amb fluids comprimits. Estudi a nivell molecular dels seus fonaments**Type of project:** Doctoral thesis**Entity:** Universitat Autònoma de Barcelona**Type of entity:** University**Student:** Santiago Sala Vergés**Obtained qualification:** Sobresaliente "Cum Laude" Premio Extraordinario de Doctorado 2004-2005**Date of reading:** 2005**19 Project title:** Preparació de Materials Funcionals amb Mida de Partícula i Estructura Interna Controlada Mitjançant Mètodes de Cristal·lització amb Fluids Comprimits**Type of project:** Work leading to an ASD**Entity:** Universitat Autònoma de Barcelona**Type of entity:** University**Student:** María Muntó Garrigós



Date of reading: 2005

20 **Project title:** A New Approach Towards Multiproperty Molecular Materials. Combining Interesting Electric, Magnetic and Second-order Nonlinear Optical Properties. Ferrocene-Based Polychlorotriphenylmethyl Radicals

Type of project: Doctoral thesis

Entity: Universitat Autònoma de Barcelona

Type of entity: University

Student: Imma Ratera Bastardas

Obtained qualification: Sobresaliente "Cum Laude" Premio Extraordinario de Doctorado 2002-2003

Date of reading: 2002

21 **Project title:** Cristal·lització amb Fluids Comprimits. Desenvolupament del nou mètode DELOS

Type of project: Work leading to an ASD

Entity: Universitat Autònoma de Barcelona

Type of entity: University

Student: Santi Sala Vergés

Date of reading: 2002

22 **Project title:** Materiales Magnéticos Moleculares Quirales. Camino hacia un imán ópticamente activo

Type of project: Doctoral thesis

Entity: Universitat Autònoma de Barcelona

Type of entity: University

Student: Maria Minguet Bonvehí

Obtained qualification: Sobresaliente "Cum Laude" Premio Extraordinario de Doctorado 2000-2001

Date of reading: 2000

23 **Project title:** Estereoisomería, magnetismo y transferencia electrónica en moléculas orgánicas de tipo bis- y tris-triarílicas

Type of project: Doctoral thesis

Entity: Universitat Autònoma de Barcelona

Type of entity: University

Student: Josep Sedó Vergara

Obtained qualification: Sobresaliente "Cum Laude"

Date of reading: 1999

24 **Project title:** Síntesis i Estudi de les Propietats d'Óptica No Lineal de Radicals Trifenilmetílics Units a un Ferrocè

Type of project: Work leading to an ASD

Entity: Universitat Autònoma de Barcelona

Type of entity: University

Student: Imma Ratera Bastardas

Date of reading: 1999

25 **Project title:** Interacciones magnéticas en nuevos sistemas moleculares basados en radicales β -imino aminoiloxilos

Type of project: Doctoral thesis

Entity: Universitat Autònoma de Barcelona

Type of entity: University

Student: Oriol Jürgens Mestres

Obtained qualification: Sobresaliente "Cum Laude"

Date of reading: 1998

26 **Project title:** La influencia de los puentes de hidrógeno en la agregación supramolecular de radicales β -nitronil nitróxidos en solución y en estado sólido. Obtención y estudio de materiales moleculares magnéticos

Type of project: Doctoral thesis

Entity: Universitat Ramon Llull

Type of entity: University

Student: Joan Cirujeda Ratzenberger

Obtained qualification: "Apto Cum Laude"

Date of reading: 1997



27 Project title: Macromoléculas quirales con conformaciones rígida helicoidales. Estudio de las inducciones asimétricas a larga distancia y de posibles aplicaciones de esta familia de polímeros

Type of project: Doctoral thesis

Entity: Universitat Autònoma de Barcelona

Type of entity: University

Student: Elena Ramos Lermo

Obtained qualification: "Apto Cum Laude"

Date of reading: 1996

28 Project title: Sistemas poliradicalarios de alto espín y naturaleza dendrimérica. Síntesis y estudio de sus propiedades magnéticas y electrónicas

Type of project: Doctoral thesis

Entity: Universitat Autònoma de Barcelona

Type of entity: University

Student: Dani Ruiz Molina

Obtained qualification: "Apto Cum Laude"

Date of reading: 1996

29 Project title: Síntesis y estudio de propiedades físico-químicas de moléculas de alto espín con carácter dendrimérico

Type of project: Doctoral thesis

Entity: Universitat Ramon Llull

Type of entity: University

Student: Nora Ventosa Rull

Obtained qualification: "Apto Cum Laude"

Date of reading: 1996

30 Project title: Polímeros sintéticos con formaciones helicoidales y propiedades magnéticas y ópticas de interés

Type of project: Doctoral thesis

Entity: Institut Químic de Sarrià

Type of entity: University Research Institute

Student: Jordi Bosch Lladó

Obtained qualification: "Apto Cum Laude"

Date of reading: 1994

31 Project title: Polímeros clorados análogos al poli-p-fenileno como materiales de actividad electrónica

Type of project: Doctoral thesis

Entity: Universitat de Barcelona

Type of entity: University

Student: José Vidal Gancedo

Obtained qualification: "Apto Cum Laude"

Date of reading: 1993

32 Project title: Inducciónes asimétriques a Llarga Distància en estructures Polímèriques Helicoïdales de Poli(iminometilens)

Type of project: Work leading to an ASD

Entity: Universitat Autònoma de Barcelona

Type of entity: University

Student: Mª Elena Ramos Lermo

Date of reading: 1993

33 Project title: Síntesis i estudi de solids moleculars basats en diacetilens, polidiacetilens i radicals lliures de la família del β -nitronil nitroxids

Type of project: Doctoral thesis

Entity: Universitat de Barcelona

Type of entity: University

Student: Esteve Hernández Gasio



Obtained qualification: "Apto Cum Laude" Premio Extraordinario de Doctorado 1993-1994
Date of reading: 1992

34 Project title: Estudios estereoquímicos de sistemas triarílicos y bistriarílicos altamente clorados mediante la técnica de Cromatografía Líquida de Alta Resolución

Type of project: Doctoral thesis

Entity: Institut Químic de Sarrià

Student: M^a Isabel Crespo Crespo

Obtained qualification: Apto "Cum Laude"

Date of reading: 1991

Type of entity: University Research Institute

35 Project title: Estudios y Ariloxidiacetilenos y de sus polímeros

Type of project: Work leading to an ASD

Entity: Universitat de Barcelona

Type of entity: University

Student: Esteve Hernández Gasio

Date of reading: 1990

36 Project title: Pólidiacetilenos Radicalarios

Type of project: Work leading to an ASD

Entity: Universitat Autònoma de Barcelona

Type of entity: University

Student: Juan Riaza Martínez

Date of reading: 1986

37 Project title: Estudio de la Química de la Perclorofucsona. Síntesis y Derivados Iónicos Radicalarios.

Type of project: Work leading to an ASD

Entity: Universitat de Barcelona

Type of entity: University

Student: Albert Durán Martínez

Date of reading: 1983

Teaching experience in courses and seminars for university teacher training

1 Type of event: Seminar

Name of the event: European Master on "Molecular Nanoscience"

Organising entity: Escuela Politécnica Superior de Gandía **Type of entity:** University Centres and Structures and Associated Bodies

Teaching date: 2008

2 Type of event: Seminar

Name of the event: Master en Nanociencia y Nanotecnología

Organising entity: Universitat Rovira i Virgili **Type of entity:** University

Teaching date: 2006

3 Type of event: Seminar

Name of the event: Curso de Verano

Organising entity: University of California Santa Barbara

Teaching date: 2004

4 Type of event: Seminar

Name of the event: 6^a Escuela Nacional de Materiales

Teaching date: 2003

**5 Type of event:** Seminar**Name of the event:** 3^a Escuela Nacional de Espectroscopía de Resonancia Electrónica**Organising entity:** Universidad de Burgos**Type of entity:** University**Teaching date:** 2001**6 Type of event:** Seminar**Name of the event:** 5^a Escuela Nacional de Materiales**Teaching date:** 2001**7 Type of event:** Seminar**Name of the event:** Cursos de Verano: "La extracción con fluidos supercríticos en la Tecnología de Alimentos actual"**Organising entity:** Universidad Autónoma de Madrid **Type of entity:** University**Teaching date:** 2000**8 Type of event:** Seminar**Name of the event:** 4^a Escuela Nacional de Materiales Moleculares**Teaching date:** 1999**9 Type of event:** Seminar**Name of the event:** Curso sobre "Industrial Applications of Supercritical State Fluids Technologies"**Organising entity:** Instituto de Ciencia de los Materiales **Type of entity:** State agency
de Barcelona**Teaching date:** 1999**10 Type of event:** Seminar**Name of the event:** 3^a Escuela Nacional de Materiales Moleculares**Teaching date:** 1997**11 Type of event:** Seminar**Name of the event:** Segunda Escuela Nacional de Resonancia Paramagnética Electrónica**Organising entity:** Universidad de Granada **Type of entity:** University**Teaching date:** 1997**12 Type of event:** Seminar**Name of the event:** 2^a Escuela Nacional de Materiales Moleculares**Teaching date:** 1995**13 Type of event:** Seminar**Name of the event:** 1^a Escuela Nacional de Materiales Moleculares**Teaching date:** 1993

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CURRÍCULUM VÍTAE NORMALIZADO

596f7278dffcd08332c73c7fb966dc7

Healthcare experience

Healthcare experience in EU entities

Relevant results: Orphan Drug Designation of a nanomedicine for the Fabry disease

Entity: European Medicines Agency

Type of entity: Administrative Body of the National Health System

Affiliation entity: CIBER-BBN

Start date: 07/01/2021

Scientific and technological experience

Scientific or technological activities

R&D projects funded through competitive calls of public or private entities

- 1 Name of the project:** PROCESAMIENTO DE MOLECULAS PARA CREAR MATERIALES HIBRIDOS ESTRUCTURADOS JERARQUICAMENTE PARA APLICACIONES BIOMEDICAS

Entity where project took place: Instituto de Ciencia **Type of entity:** State agency de los Materiales de Barcelona

City of entity: Cerdanyola, Catalonia, Spain

Name principal investigator (PI, Co-PI....): Jaume Veciana Jaume Veciana; Vega Lloveras Montserrat; Jose Vidal Gancedo; Leonor Ventosa Rull; Imma Ratera Imma Ratera

Nº of researchers: 5

Start-End date: 01/06/2020 - 31/05/2023

Total amount: 266.200 €

- 2 Name of the project:** CONVENIO ENTRE EL CSIC Y EL CENTRO DE INVESTIGACION BIOMEDICA EN RED -CIBER- PARA LA COLABORACION ENTRE AMBAS INSTITUCIONES

Entity where project took place: Instituto de Ciencia **Type of entity:** State agency de los Materiales de Barcelona

City of entity: Cerdanyola, Catalonia, Spain

Nº of researchers: 1

Start-End date: 01/01/2019 - 01/01/2023

Total amount: 3.428 €

- 3 Name of the project:** Organic Radicals as Molecular Quantum Bits (RadicalQBits)

Entity where project took place: Instituto de Ciencia **Type of entity:** State agency de los Materiales de Barcelona

City of entity: Cerdanyola, Spain

Name principal investigator (PI, Co-PI....): Marta Mas Torrent; Jaume Veciana Veciana Miro; Concepció Rovira Angulo; Angel Campos Lendinez; Nuria Crivillers Clusella

Nº of researchers: 5

Start-End date: 01/01/2019 - 31/12/2021

Total amount: 27.712 €

**4 Name of the project:** NANOCIENCIA MOLECULAR I MATERIALES ORGÁNICOS

Entity where project took place: Generalitat de Catalunya **Type of entity:** Others

City of entity: Cerdanyola, Catalonia, Spain

Nº of researchers: 1

Start-End date: 01/01/2018 - 30/09/2021

Total amount: 62.258 €

5 Name of the project: MOLSPIN. Molecular Spintronics

Entity where project took place: Instituto de Ciencia de los Materiales de Barcelona **Type of entity:** State agency

City of entity: European Union,

Nº of researchers: 1

Funding entity or bodies:

Europea

Name of the programme: COST Action

Code according to the funding entity: COST CA15128

Start-End date: 11/04/2016 - 10/04/2020

Total amount: 0 €

6 Name of the project: MOTHER. Materiales moleculares y organizaciones supramoleculares para terapia, diagnosis e ingeniería tisular

Entity where project took place: Instituto de Ciencia de los Materiales de Barcelona **Type of entity:** State agency

City of entity: Cerdanyola, Spain

Name principal investigator (PI, Co-PI....): Nora Ventosa; Jaume Veciana Miro

Nº of researchers: 7

Name of the programme: MINECO Retos Individual

Code according to the funding entity: MAT2016-80826-R

Start-End date: 30/12/2016 - 29/12/2019

Total amount: 302.500 €

7 Name of the project: Mariana köber - Magnetically induced drug release from quatsomes TECSPR16-1-0055 –

Entity where project took place: Institut de Ciencia de Materials de Barcelona (CSIC)

City of entity: Bellaterra, Catalonia, Spain

Name principal investigator (PI, Co-PI....): Jaume Veciana Miro

Nº of researchers: 2

Name of the programme: TECNIOSPRING

Code according to the funding entity: TECSPR16-1-0055

Start-End date: 16/09/2017 - 15/09/2019

Total amount: 131.780 €

8 Name of the project: i-Switch Integrated self-assembled SWITCHable systems and materials: towards responsive organic electronics – a multi-site innovative training action

Entity where project took place: Instituto de Ciencia de los Materiales de Barcelona **Type of entity:** State agency

City of entity: Cerdanyola, Spain

Name principal investigator (PI, Co-PI....): Concepcio Rovira; Jaume Veciana; Jaume Veciana

Funding entity or bodies:



Unión Europea

Code according to the funding entity: H2020-MSCA-ITN-2014-642196

Start-End date: 01/01/2015 - 31/12/2018

Total amount: 228.415 €

9 Name of the project: Desarrollo de terapias para el tratamiento de enfermedades raras metabólicas congénitas (TERARMET).

Entity where project took place: Instituto de Ciencia **Type of entity:** State agency de los Materiales de Barcelona

Name principal investigator (PI, Co-PI....): Nora Ventosa Rull

Funding entity or bodies:

MINECO

Type of entity: State agency

Start-End date: 28/01/2014 - 31/12/2017

Total amount: 120,51 €

10 Name of the project: Nano2Fun. Nanochemistry of molecular materials for 2-photon functional applications

Geographical area: European Union

Name principal investigator (PI, Co-PI....): Ana Painelli (coordinador); Jaume Veciana (ICMAB)

Funding entity or bodies:

Comunidad Europea

Name of the programme: Marie-Curie FP7-PEOPLE-2013-ITN

Code according to the funding entity: 607721

Start-End date: 01/09/2013 - 31/08/2017

Total amount: 475.363,24 €

11 Name of the project: BERENICE. Benznidazol and triazol research group for nanomedicine and innovation on Chagas disease

Geographical area: European Union

Name principal investigator (PI, Co-PI....): Israel Molina (coordinador ICS Hospital Vall de Hebrón); Jaume Veciana (CIBER BBN)

Funding entity or bodies:

Comunidad Europea

Name of the programme: FP7-HEALTH-2012-INNOVATION-1

Code according to the funding entity: 305937-2

Start-End date: 01/09/2012 - 31/08/2017

Sub-project amount: 516.011 €

12 Name of the project: CommonSense. Cost-effective sensors, interoperable with international existing ocean observing systems, to meet EU policies requirements

Geographical area: European Union

Name principal investigator (PI, Co-PI....): Jordi Salat (coordinador); Jaume Veciana

Name of the programme: FP7-OCEAN-2013-ITN

Code according to the funding entity: 614155

Start-End date: 01/11/2013 - 28/02/2017

Total amount: 370.181,5 €

Sub-project amount: 119.732 €

13 Name of the project: Aplicación de la tecnología de quatsomes para el desarrollo de una nueva gama de suavizantes perfumados con menor impacto ambiental (QUAT4FRAG).

Entity where project took place: Instituto de Ciencia **Type of entity:** State agency de los Materiales de Barcelona



City of entity: Barcelona, Spain

Name principal investigator (PI, Co-PI....): Jaume Veciana Miro

Nº of researchers: 2

Funding entity or bodies:

MINECO

Type of entity: State agency

Start-End date: 28/01/2014 - 27/01/2017

Total amount: 132,24 €

14 Name of the project: ACMOL. Electrical spin manipulation in electroACtive MOLeCules

Geographical area: European Union

Name principal investigator (PI, Co-PI....): Núria Crivillers

Name of the programme: FET-OPEN Collaborative Project FP7-ICT-2013-C

Code according to the funding entity: 333289

Start-End date: 01/01/2014 - 31/12/2016

Total amount: 1.187.431 €

Sub-project amount: 322.472 €

15 Name of the project: BE-WELL. Bio- and Electro-active molecule-based materials for improving health and societal WELLbeing

Geographical area: National

Degree of contribution: Researcher

Name principal investigator (PI, Co-PI....): Jaume Veciana

Funding entity or bodies:

Ministerio de Economía y Competitividad

Code according to the funding entity: CTQ2013-40480-R

Start-End date: 01/01/2014 - 31/12/2016

Total amount: 454.000 €

16 Name of the project: Grup de Recerca Consolidat: Nanociència Molecular i Materials Orgànics(NANOMOL)

Geographical area: Regional

Degree of contribution: Researcher

City of entity: Barcelona,

Name principal investigator (PI, Co-PI....): Jaume Veciana

Funding entity or bodies:

Departament de Sanitat i Seguretat Social Generalitatde Catalunya

Name of the programme: CIRIT

Code according to the funding entity: 2014 SGR 17

Start-End date: 01/01/2014 - 31/12/2016

Total amount: 50.000 €

17 Name of the project: "Organic sensor based electronic-skin with integrated logic"

Entity where project took place: Instituto de Ciencia **Type of entity:** State agency
de los Materiales de Barcelona

City of entity: Cerdanyola, Spain

Name principal investigator (PI, Co-PI....): Jaume Veciana

Funding entity or bodies:

ACCIÓ

Name of the programme: TECNIOSPRING programme of Dr. Raphael Pftanner (Standford University; USA)



Code according to the funding entity: TECSPR13-1-0034

Start-End date: 01/03/2014 - 28/02/2016

Total amount: 93.448,7 €

- 18 Name of the project:** SAM-TunEGaIn. Self Assembled Monolayer Tunnel Junctions Engineering with Eutectic Gallium Indium Tips

Geographical area: Non EU International

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Name of the programme: Marie-Curie FP7-PEOPLE-2012-IOF

Code according to the funding entity: 328412

Start-End date: 01/03/2013 - 28/02/2016

Total amount: 254.925,9 €

Applicant's contribution: International Outgoing Fellowships (IOF) programme of Dr. Mathieu Gonidec (Harvard University)

- 19 Name of the project:** Proyecto I-LINK 2013 "Towards molecular-based devices control and understanding of transport through molecules"

Geographical area: European Union

Name principal investigator (PI, Co-PI....): Jaume Veciana

Code according to the funding entity: I-LINK 0841

Start-End date: 01/01/2014 - 31/12/2015

Total amount: 16.000 €

- 20 Name of the project:** Aplicación de la tecnología de Quatsomes para el desarrollo de una nueva gama de suavizantes perfumados con menor impacto medioambiental

Entity where project took place: Instituto de Ciencia **Type of entity:** State agency de los Materiales de Barcelona

City of entity: Cerdanyola, Spain

Name principal investigator (PI, Co-PI....): Jaume Veciana

Funding entity or bodies:

Ministerio de Economía y Competitividad

Name of the programme: Retos Colaboración 2014

Code according to the funding entity: RTC-2014-2183-S

Start-End date: 01/12/2014 - 30/11/2015

Total amount: 132.244 €

- 21 Name of the project:** ELECTROMAGIC. Multifunctional surfaces structured with electroactive and magnetic molecules for electronic and spintronic devices

Geographical area: European Union

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró; Núria Crivillers Clusella

Name of the programme: Marie-Curie Action; FP7-PEOPLE-2011-CIG

Code according to the funding entity: 303989

Start-End date: 01/12/2012 - 30/11/2015

Total amount: 75.000 €

- 22 Name of the project:** European Network for Hyperpolarization Physics and Methodology in NMR and MRI

Geographical area: European Union

Name principal investigator (PI, Co-PI....): Jaume Veciana

Funding entity or bodies:

Comunidad Europea



Name of the programme: Cost action

Code according to the funding entity: COST TD1003

Start-End date: 28/10/2011 - 27/10/2015

23 Name of the project: ORALBEADS. Desarrollo de dispersiones sólidas micro/nanoestructuradas para administración oral de compuestos marinos antitumorales

Geographical area: National

Name principal investigator (PI, Co-PI....): Pilar Calvo (coordinador Pharmamar-Zeltia); Nora Ventosa (ICMAB-CSIC)

Funding entity or bodies:

MICINN

Name of the programme: INNPACTO

Code according to the funding entity: IPT-2011-0754-900000

Start-End date: 01/01/2011 - 31/12/2014

Sub-project amount: 199.363,56 €

24 Name of the project: NANOFABRY

Geographical area: Regional

Name principal investigator (PI, Co-PI....): Simó Schwartz (coordinador CIBBIM Hosp. Vall d'Hebrón); Jaume Veciana (ICMAB-CSIC)

Funding entity or bodies:

MARATÓ TV3

Start-End date: 01/01/2011 - 31/12/2013

Total amount: 57.895 €

25 Name of the project: POMAS- Auto-ensamblaje, Nanoestructuración y Procesamiento de Moléculas Orgánicas Funcionales y sus Aplicaciones

Geographical area: National

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Funding entity or bodies:

Dirección General Investigación

Name of the programme: Plan Nacional

Code according to the funding entity: CTQ2010-19501

Start-End date: 01/01/2011 - 31/12/2013

Total amount: 554.180 €

26 Name of the project: Grup de Recerca Consolidat: Materials Orgànics i Nanociència Molecular, ICMAB (CSIC)"

Geographical area: Regional

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Name of the programme: CIRIT

Code according to the funding entity: 2009 SGR-00516

Start-End date: 12/2009 - 12/2013

Total amount: 45.760 €

27 Name of the project: Proyecto CENIT "DENDRIA"

Name principal investigator (PI, Co-PI....): Nora Ventosa

Funding entity or bodies:

Centro para el Desarrollo Tecnológico Industrial

Type of entity: Business

City funding entity: Madrid, Community of Madrid, Spain



Start-End date: 01/07/2010 - 30/06/2013

Total amount: 200.000 €

28 Name of the project: Proyecto INNPACTO coordinado empresa NACESA

Geographical area: National

Name principal investigator (PI, Co-PI....): Jaume Veciana; Vladimir Laukhin

Funding entity or bodies:

MICINN

Start-End date: 01/07/2010 - 30/06/2013

Total amount: 272.648 €

29 Name of the project: NANOSTEM. Targeting Combined Therapy to Cancer Stem Cells

Geographical area: European Union

Name principal investigator (PI, Co-PI....): Simo Schwartz (coordinador CIBBIM-Vall d'Hebron); Nora Ventosa (ICMAB-CSIC)

Funding entity or bodies:

EuroNanoMed, Union Europea

Name of the programme: European Innovative RTD Projects Proposals in Nanomedicine

Start-End date: 01/01/2010 - 31/12/2012

30 Name of the project: Proyecto INNPACTO (VITILIGO)

Name principal investigator (PI, Co-PI....): Pablo Aranda (coordinador 3P Biopharmaceuticals); Nora Ventosa (ICMAB-CSIC)

Name of the programme: Innepacto

Code according to the funding entity: IPT-010000-2010-22

Start-End date: 01/01/2010 - 31/12/2012

Sub-project amount: 123.496 €

31 Name of the project: NAINBO. Nano-engineering Inclusion Bodies as New Biomaterials for Cell Proliferation

Geographical area: National

Name principal investigator (PI, Co-PI....): Jaume Veciana

Funding entity or bodies:

Instituto de Salud Carlos III

Type of entity: Public Research Body

City funding entity: Majadahonda, Community of Madrid, Spain

Start-End date: 08/02/2010 - 31/01/2012

32 Name of the project: PLA D'ACTUACIÓ NANOMOL 2010 TECNIO

Geographical area: Regional

Name principal investigator (PI, Co-PI....): Jaume Veciana; Nora Ventosa

Funding entity or bodies:

ACC10 Generalitat de Catalunya

Start-End date: 01/01/2011 - 31/12/2011

Total amount: 25.000 €

33 Name of the project: ONE-P. Organic Nanomaterials for Electronics and Photonics: Design, Synthesis, Characterization, Processing, Fabrication and Applications

Geographical area: European Union

Name principal investigator (PI, Co-PI....): Concepció Rovira

**Funding entity or bodies:**

Comunidad Europea

Name of the programme: FP7, Large Scale Integrating Project

Code according to the funding entity: NMP-2007-LARGE-1 LSCP 212311

Start-End date: 01/10/2008 - 30/09/2011

Total amount: 879.999 €

34 Name of the project: EMOCIONA- Materiales Moleculares Funcionales Nano-estructurados

Geographical area: National

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Funding entity or bodies:

CENTRO DE ACUSTICA APLICADA Y
EVALUACION NO DESTRUCTIVA

Type of entity: Associations and Groups

Name of the programme: CONSOLIDER EJE-C

Code according to the funding entity: CTQ2006-06333-/BQU

Start-End date: 01/10/2006 - 30/09/2011

Total amount: 745.360 €

35 Name of the project: Prototip biomèdic per a la monitorització no invasiva del Glaucoma

Geographical area: Regional

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Funding entity or bodies:

CENTRO DE INFORMACION Y DESARROLLO EMPRESARIAL -CIDEM-

City funding entity: Spain

Code according to the funding entity: VALTEC09-1-0030

Start-End date: 30/06/2009 - 30/06/2011

Total amount: 100.000 €

36 Name of the project: SPIN MASTER. Spin Injection for MAgnetic Spectroscopy and Spin Transport in Single Objects

Name principal investigator (PI, Co-PI....): Jean-Pierre Bücher

Name of the programme: Proyecto colaborativo Agence National de la Recherche, FRANCE

Start-End date: 01/06/2008 - 31/05/2011

37 Name of the project: Poc i prototipatge de les tecnologies nanomol

Geographical area: Regional

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Funding entity or bodies:

CENTRO DE INFORMACION Y DESARROLLO EMPRESARIAL -CIDEM-

City funding entity: Spain

Code according to the funding entity: VALTEC08-2-0029

Start-End date: 01/11/2008 - 31/10/2010

Total amount: 67.481,2 €

38 Name of the project: FUMASSEC. Functional Materials for Storage, Sensing, Electronics and Catalysis

Geographical area: European Union

Name principal investigator (PI, Co-PI....): Concepció Rovira Angulo

Funding entity or bodies:

Comunidad Europea



Name of the programme: FP6 - Marie Curie Early Stage Researcher Training
Code according to the funding entity: FP6-2005-MEST-CT-020992-2
Start-End date: 01/04/2006 - 31/03/2010
Total amount: 655.509,23 €

39 Name of the project: BIO-SCAFF- Desarrollo de nuevos conceptos de andamiajes y cultivos celulares para medicina regenerativa

Geographical area: National

Name principal investigator (PI, Co-PI....): Josep A. Planell (coordinador IBEC-Univ. Barcelona); Nora Ventosa (ICMAB-CSIC) Rull

Funding entity or bodies:

Instituto de Salud Carlos III

Type of entity: Public Research Body

City funding entity: Majadahonda, Community of Madrid, Spain

Name of the programme: CIBER-Biomateriales, Bioingeniería y Nanomedicina

Start-End date: 01/01/2008 - 31/12/2009

Sub-project amount: 67.100 €

40 Name of the project: FABRY- Desarrollo de Nanomedicinas para terapia enzimática sustitutiva en la enfermedad de Fabry

Geographical area: National

Name principal investigator (PI, Co-PI....): Simo Schwartz (coordinador CIBBIM-Vall d'Hebron); Nora Ventosa (ICMAB-CSIC)

Funding entity or bodies:

Instituto de Salud Carlos III

Type of entity: Public Research Body

City funding entity: Majadahonda, Community of Madrid, Spain

Name of the programme: CIBER-Biomateriales, Bioingeniería y Nanomedicina

Start-End date: 01/01/2008 - 31/12/2009

Sub-project amount: 71.100 €

41 Name of the project: GLAUCO. Desarrollo de un micro- nanosistema para la monitorización no invasiva de la presión intraocular. Lente de contacto sensora realizada con micro-nanotecnologías para la monitorización no invasiva de la presión intraocular

Name principal investigator (PI, Co-PI....): Jaume Veciana

Funding entity or bodies:

Instituto de Salud Carlos III

Type of entity: Public Research Body

City funding entity: Majadahonda, Community of Madrid, Spain

Start-End date: 01/01/2008 - 31/12/2009

Total amount: 75.500 €

42 Name of the project: Grup de Recerca Consolidat: Materials Orgànics i Nanociència Molecular, ICMAB (CSIC)

Geographical area: Regional

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Funding entity or bodies:

AGAUR (Generalitat de Catalunya)

Name of the programme: CIRIT

Code according to the funding entity: 2005 SGR-00591

Start-End date: 12/2005 - 12/2009

Total amount: 52.600 €



43 Name of the project: SURMOF. Anchoring of metal-organic frameworks, MOFs, to surfaces

Geographical area: European Union

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Funding entity or bodies:

Comunidad Europea

Name of the programme: FP6, STREP

Code according to the funding entity: NMP4-CT-2006-032109

Start-End date: 01/10/2006 - 30/09/2009

Total amount: 206.000 €

44 Name of the project: Convenio específico de colaboración entre el CIDEM, el Departament D'educació i Universitats (Deiu), y el CSIC para la adscripción del centro NANOMOL a la Red de centros de apoyo a la innovación tecnológica, XARXA IT

Geographical area: Regional

Name principal investigator (PI, Co-PI....): Jaume Veciana; Nora Ventosa

Funding entity or bodies:

CENTRO DE INFORMACION Y DESARROLLO EMPRESARIAL -CIDEM-

City funding entity: Spain

Start-End date: 07/2006 - 06/2009

Total amount: 210.000 €

45 Name of the project: MAGMANet. Molecular Approach to Nanomagnets and Multifunctional Materials

Geographical area: European Union

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Funding entity or bodies:

CENTRO DE ACUSTICA APLICADA Y
EVALUACION NO DESTRUCTIVA

Type of entity: Associations and Groups

Name of the programme: FP6, Network of Excellence

Code according to the funding entity: NMO3-CT-2005-515767

Start-End date: 01/05/2004 - 30/04/2009

Total amount: 900.000 €

46 Name of the project: NANOFAR- Preparación de Materiales Nanoestructurados Bioactivos utilizando Fluidos Comprimidos

Geographical area: National

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Funding entity or bodies:

MCyT

Name of the programme: Acción Estratégica de Nanociencia y Nanotecnología

Code according to the funding entity: NAN2004-09159-C04-01

Start-End date: 03/2006 - 02/2009

Total amount: 206.000 €

47 Name of the project: Chextan. CHiral EXpression and Transfer At the Nanoscale

Geographical area: European Union

Name principal investigator (PI, Co-PI....): David Amabilino

Funding entity or bodies:

Comunidad Europea

Name of the programme: Marie Curie Research Training Network



Code according to the funding entity: FP6-512161 Chextan
Start-End date: 01/10/2004 - 30/09/2008

48 Name of the project: FUNSMARTS II. Assembly and Manipulation of Functional Supramolecular Nano-Architectures at Surfaces II

Geographical area: National

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Name of the programme: Acción complementaria

Code according to the funding entity: MAT2006-28188-E

Start-End date: 01/05/2007 - 01/05/2008

Total amount: 50.000 €

49 Name of the project: NAIMO. Nanoscale integrated processing of self-organizing multifunctional organic materials

Geographical area: European Union

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Name of the programme: FP6, Integrated Project

Code according to the funding entity: NMP4-CT2004-500355

Start-End date: 01/05/2004 - 30/04/2008

Total amount: 130.000 €

50 Name of the project: QuEMoNa. Quantum Effects in MOlecular NAnomagnets

Geographical area: European Union

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Name of the programme: FP6, Marie Curie Research Training Network

Code according to the funding entity: MRTM-CT-2003-504880

Start-End date: 01/05/2004 - 30/04/2008

Total amount: 278.015,13 €

51 Name of the project: Nanotechnology for Integrated Electronic Devices Based on Multifunctional Organic Materials

Geographical area: National

Name principal investigator (PI, Co-PI....): Jaume Veciana

Name of the programme: Acción Complementaria

Code according to the funding entity: CTQ2005-24294-E/BQU

Start-End date: 01/05/2006 - 31/12/2006

Total amount: 130.000 €

52 Name of the project: FUN-SMARTs. Assembly and Manipulation of FUNctional SupraMolecular Nano-ARchitectures at Surfaces

Geographical area: European Union

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Funding entity or bodies:

European Science Fundation

Name of the programme: EUROCORES Programme SONS. Acción Especial

Code according to the funding entity: MAT2002-12018-E

Start-End date: 01/12/2003 - 30/11/2006

Total amount: 126.730 €



53 Name of the project: NanoMultiFun. Nanomateriales Moleculares Magnéticos Multifuncionales

Geographical area: National

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Funding entity or bodies:

Ministerio de Ciencia e Innovación.

Name of the programme: D.G.I.

Code according to the funding entity: MAT2003-04699

Start-End date: 01/12/2003 - 30/11/2006

Total amount: 200.700 €

54 Name of the project: Co-Planar nanoelectrodes to correlate structure with electron transport in organic molecules

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Name of the programme: "Molecular Foundry" at the Berkeley National Laboratory

Start-End date: 07/2005 - 06/2006

Participating entity/entities: University of California (USA)

55 Name of the project: Investigation using molecular dynamics simulations of the local ordering around methenamine in CO₂-expanded ethanol

Name principal investigator (PI, Co-PI....): Yann Danten

Name of the programme: Proyecto colaborativo

Code according to the funding entity: 050343

Start-End date: 01/01/2005 - 31/12/2005

Participating entity/entities: IDRIS (Institut du Développement et des Ressources en Informatique Scientifique

56 Name of the project: Red Temática de Expertos en Fluidos comprimidos"; Red FLUCOMP

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Name of the programme: DGI

Code according to the funding entity: PPQ-2001-4817-E

Start-End date: 01/2003 - 12/2005

57 Name of the project: Grup de Recerca de Consolidat: Laboratori de Materials Orgànics, ICMAB (CSIC)

Geographical area: Regional

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Funding entity or bodies:

AGAUR (Generalitat de Cataluña)

Name of the programme: DURSI

Code according to the funding entity: 2001 SGR-00362

Start-End date: 01/2002 - 12/2005

Total amount: 43.874 €

58 Name of the project: NANOMAGIQC. Nanotechnology and magnetic qubits to implement quantum computation

Geographical area: European Union

Name principal investigator (PI, Co-PI....): Jaume Veciana; Daniel Ruiz-Molina

Funding entity or bodies:

Comunidad Europea

Code according to the funding entity: IST-2001-33186

Start-End date: 01/2002 - 12/2005



Total amount: 163.924 €

59 Name of the project: Nuevos Materiales Magnéticos: Estructura y Magnetismo

Geographical area: European Union

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Funding entity or bodies:

MCyT

Name of the programme: Acción Integrada Hispano-Austriaca

Code according to the funding entity: HU20020046

Start-End date: 01/01/2003 - 31/12/2004

60 Name of the project: Actualización del Espectrómetro de Resonancia Paramagnética Electrónica del ICMAB (CSIC)

Geographical area: National

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Code according to the funding entity: BQU2002-12075-E

Start-End date: 07/2004 - 07/2004

Total amount: 840.000 €

61 Name of the project: Non-linear magneto-optic properties of organics and metal-organics: molecule-based switches

Geographical area: European Union

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Funding entity or bodies:

Comunidad Europea

Name of the programme: European Concerted Action COST D14

Code according to the funding entity: D40004/01

Start-End date: 05/2001 - 04/2004

62 Name of the project: Molecular Magnets and Electronics

Geographical area: European Union

Name principal investigator (PI, Co-PI....): Fernando Palacio

Funding entity or bodies:

Comunidad Europea

Name of the programme: European Science Foundation

Start-End date: 01/01/1998 - 31/12/2003

63 Name of the project: Molecular Magnetism. From Materials toward Devices

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Name of the programme: TMR Research Network

Code according to the funding entity: ERB4061 PL 97-0197

Start-End date: 03/1998 - 02/2003

64 Name of the project: Ensamblaje y Organización de Nuevas Moléculas Orgánicas en Dos y Tres Dimensiones

Geographical area: National

Name principal investigator (PI, Co-PI....): Concepció Rovira Angulo

Funding entity or bodies:

MCyT



Name of the programme: DGI

Code according to the funding entity: BQU2000-1157

Start-End date: 12/2000 - 01/2003

Total amount: 100.970 €

65 Name of the project: Materiales Magnéticos Moleculares. Obtención y Estudio de Materiales Orgánicos y Metalorgánicos

Geographical area: National

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Funding entity or bodies:

DGI

Name of the programme: Plan Nacional de I+D+I (2000-2003)

Code according to the funding entity: MAT2000-1388-C03-01

Start-End date: 12/2000 - 01/2003

Total amount: 112.413 €

66 Name of the project: Síntesis y estudio de materiales moleculares orgánicos y metalorgánicos con propiedades eléctricas

Name principal investigator (PI, Co-PI....): Concepció Rovira Angulo

Name of the programme: Proyecto CSIC/CONACYT (México)

Code according to the funding entity: 2001MX0008

Start-End date: 01/2000 - 01/2003

67 Name of the project: Towards new molecular inorganic conductors

Geographical area: European Union

Name principal investigator (PI, Co-PI....): Concepció Rovira Angulo

Name of the programme: European Concerted Action COST

Code according to the funding entity: D14 D40003/99

Start-End date: 10/1999 - 10/2002

68 Name of the project: Grup de Recerca de Qualitat: Laboratori de Materials Orgànics, ICMAB (CSIC)

Geographical area: Regional

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Funding entity or bodies:

AGAUR (Generalitat de Cataluña)

Name of the programme: CIRIT

Code according to the funding entity: 2000 SGR-00114

Start-End date: 03/2000 - 04/2002

69 Name of the project: Síntesis y estudio de sólidos moleculares en los que coexisten propiedades conductoras y magnéticas

Name principal investigator (PI, Co-PI....): Concepció Rovira Angulo

Funding entity or bodies:

CSIC-JNICT (Portugal)

Start-End date: 01/2000 - 12/2001

70 Name of the project: New Molecular Organic Metals as Crystals and Polymeric Composites

Name principal investigator (PI, Co-PI....): Concepció Rovira Angulo

Name of the programme: NATO Linkage Grant

Start-End date: 01/1999 - 11/2001



71 Name of the project: Hacia el control de las transferencia electrónicas en los materiales moleculares: elaboración y estudio de sistemas dador-aceptor unidos mediante enlaces sigma y basados en el fullereno C60 y dadores de la familia del TTF

Name principal investigator (PI, Co-PI....): Concepció Rovira Angulo

Name of the programme: ACCIÓN INTEGRADA Hispano Francesa

Code according to the funding entity: HF1998-0038

Start-End date: 01/1999 - 01/2001

72 Name of the project: Síntesis y estudio de conductores orgánicos derivados de tetratiafulvalenos multiazufreados

Name principal investigator (PI, Co-PI....): Concepció Rovira Angulo

Name of the programme: Proyecto CSIC/CONACYT (México)

Code according to the funding entity: 99MX0014

Start-End date: 01/1999 - 01/2001

73 Name of the project: Grup de Recerca de Qualitat: Laboratori de Materials Orgànics, ICMAB, (CSIC)"

Geographical area: Regional

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Name of the programme: CIRIT

Code according to the funding entity: 1998 SGR-0106

Start-End date: 10/1998 - 10/2000

74 Name of the project: Organizaciones Supramoleculares con Propiedades Magnéticas Eléctricas y Ópticas: Materiales Orgánicos y Metalorgánicos Bifuncionales

Geographical area: National

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Funding entity or bodies:

CENTRO DE ACUSTICA APLICADA Y
EVALUACION NO DESTRUCTIVA

Type of entity: Associations and Groups

Name of the programme: DGIC y T

Code according to the funding entity: PB96-0862-C02-01

Start-End date: 08/1997 - 09/2000

75 Name of the project: Polímeros Sintéticos Quirales Ópticamente Activos con Estructuras Helicoidales.

Estudio del Fenómeno de la Teleinducción Quiral y de sus Posibles Aplicaciones como Cristales Líquidos

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Funding entity or bodies:

Fundación Ramón Areces

Type of entity: Foundation

City funding entity: Madrid, Community of Madrid, Spain

Start-End date: 07/1997 - 08/2000

76 Name of the project: Caracterización estructural y magnética de materiales moleculares metalorgánicos

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Funding entity or bodies:

Ministerio de Asuntos Exteriores

Name of the programme: Acción Integrada Hispano-Austriaca

Start-End date: 19/02/1999 - 20/02/2000



77 Name of the project: Study of Molecular Metals

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Name of the programme: Cátedra BBV

Start-End date: 01/1998 - 01/1999

78 Name of the project: Electron and Energy Transfer in Model Systems and their Implications for Molecular Electronics

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Name of the programme: Human Capital and Mobility Scientific and Technical Cooperation Networks

Code according to the funding entity: EC ERB4050PL932376

Start-End date: 01/1995 - 09/1998

79 Name of the project: Grup de Recerca de Qualitat: Laboratori de Materials Orgànics, ICMAB (CSIC)"

Geographical area: Regional

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Funding entity or bodies:

AGAUR (Generalitat de Cataluña)

Name of the programme: CIRIT

Code according to the funding entity: SGR95-00507

Start-End date: 02/1996 - 02/1998

80 Name of the project: Nitroxide Free Radical Based Molecular Magnetic Materials

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Name of the programme: Proyecto colaboración FSU

Code according to the funding entity: INTAS 94-3508

Start-End date: 12/1994 - 12/1997

81 Name of the project: Sólidos Moleculares y Polímeros de Naturaleza Dendrimérica o Quiral con Propiedades Magnéticas, Optomagnéticas y/o Ópticas

Geographical area: National

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Name of the programme: CICYT

Code according to the funding entity: MAT 94-0797

Start-End date: 12/1994 - 11/1997

82 Name of the project: Diseño y síntesis de nuevos compuestos moleculares derivados de fullerenos y otros aceptores y dadores orgánicos. Conductores magnéticos metalorgánicos

Name principal investigator (PI, Co-PI....): Concepción Rovira Angulo

Name of the programme: CIRIT-CICYT

Code according to the funding entity: QFN93-4510-CO1-01

Start-End date: 01/1994 - 12/1996

83 Name of the project: Organic Magnets

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Name of the programme: International Joint Research Grants. New Energy and Industrial Technology Development

Start-End date: 01/1994 - 12/1996

84 Name of the project: Synthesis and Characterization of New High Spin Molecules for the Design of Organic Magnetic Materials and Magneto-optical Devices

Geographical area: European Union



Name principal investigator (PI, Co-PI....): Concepció Rovira

Funding entity or bodies:

CENTRO DE ACUSTICA APLICADA Y
EVALUACION NO DESTRUCTIVA

Type of entity: Associations and Groups

Name of the programme: European Concerted Action

Code according to the funding entity: COST D4/0008/93

Start-End date: 10/1993 - 10/1996

85 Name of the project: Towards the control electron transfer between -donors and C60

Geographical area: European Union

Name principal investigator (PI, Co-PI....): Concepció Rovira

Name of the programme: European Concerted Action COST

Code according to the funding entity: D14 d4/0004/99

Start-End date: 10/1993 - 10/1996

86 Name of the project: Equipo de espectrometría de masas, MALDI-TOF

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Name of the programme: CIC y T

Code according to the funding entity: IN96-0140

Start-End date: 03/1996 - 03/1996

87 Name of the project: Grup de recerca de Qualitat: Laboratori de Materials Orgànics, ICMAB (CSIC)

Geographical area: Regional

Degree of contribution: Researcher

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Name of the programme: CIRIT

Code according to the funding entity: SGR 93-08028

Start-End date: 02/1993 - 02/1996

88 Name of the project: New Molecular Conductors: Crystalline Phases and Organized Thin Films

Name principal investigator (PI, Co-PI....): Concepció Rovira Angulo

Name of the programme: Human Capital and Mobility. Scientific and Technical Cooperation Networks

Code according to the funding entity: EC ERB4050PL930085

Start-End date: 01/1994 - 01/1996

89 Name of the project: Sólidos de transferencia de carga entre dadores p-multisulfurados y ditiolatos de metales de transición

Name principal investigator (PI, Co-PI....): Concepció Rovira Angulo

Name of the programme: CSIC-JNCIT (Portugal)

Start-End date: 01/1994 - 12/1995

90 Name of the project: Materiales Orgánicos Magnéticos

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Name of the programme: Acción Integrada-Picasso

Code according to the funding entity: FH94-206

Start-End date: 08/1994 - 08/1995

91 Name of the project: Magnetic Molecular Materials"

Name principal investigator (PI, Co-PI....): Jaume Veciana

Name of the programme: Human Capital and Mobility. Scientific and Technical Cooperation Networks



Code according to the funding entity: EC ERB4050PL922775
Start-End date: 01/1993 - 01/1995

92 Name of the project: Acción especial Fullerenos

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Funding entity or bodies:

Consejo Superior de Investigaciones Científicas **Type of entity:** State agency

City funding entity: Madrid, Community of Madrid, Spain

Start-End date: 01/1993 - 12/1994

93 Name of the project: Polímeros y Sólidos Moleculares de Naturaleza Tridimensional con Propiedades Magnéticas y otras de Interés Industrial

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Name of the programme: CIC y T

Code according to the funding entity: MAT 91-553

Start-End date: 11/1991 - 11/1994

94 Name of the project: Síntesis y Caracterización de Sales Iónicas y Complejos de Transferencia de Carga.

Geographical area: National

Degree of contribution: Coordinator of total project, network or consortium

Name principal investigator (PI, Co-PI....): Concepció Rovira Angulo

Type of participation: Co-ordinator

Name of the programme: CIC y T. CIRIT

Code according to the funding entity: QFN91-4220-CO2-01

Start-End date: 01/1992 - 01/1994

95 Name of the project: Real Time Manufacture Process Control for Crystalline Microparticles. COMIPA

Geographical area: European Union

Entity where project took place: Institut de Ciència de Materials de Barcelona

Name principal investigator (PI, Co-PI....): Rafael Rodríguez

Name of the programme: BRITE/EURAM,

Code according to the funding entity: BREU CT91-0442

Start-End date: 01/1992 - 12/1993

96 Name of the project: Nuevos Materiales Orgánicos Poliméricos de Baja Dimensionalidad con Propiedades Magnéticas, Eléctricas y Quirales

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Name of the programme: CIC y T

Code according to the funding entity: MAT 88-0268-CO2-01

Start-End date: 10/1988 - 10/1991

97 Name of the project: Equipo Molecular Multitarea de Espectrometría de Resonancia Paramagnética Electrónica RPE

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Name of the programme: CIC y T; CIRIT Y CSIC

Code according to the funding entity: IN91-0378

Start-End date: 09/1991 - 09/1991

98 Name of the project: Química Perclororgánica y Radicales Libres Inertes y sus Aplicaciones. Materiales de Actividad Electrónica,Trazadores y Marcadores de Spin y Otros

Name principal investigator (PI, Co-PI....): M. Ballesteros



Name of the programme: CAIC- T

Code according to the funding entity: 0119/85

Start-End date: 09/1985 - 09/1988

99 Name of the project: Síntesis y Caracterización Estructural de Sólidos Orgánicos de Baja Dimensionalidad

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Name of the programme: CAIC y T

Code according to the funding entity: 0846/86

Start-End date: 06/1986 - 06/1988

100 Name of the project: Radicales libres inertes. Desarrollo, Estudio y Aplicación

Name principal investigator (PI, Co-PI....): M. Ballester

Name of the programme: CAIC y T

Code according to the funding entity: 3317/81

Start-End date: 12/1981 - 09/1984

101 Name of the project: Systematic Development of New Organic Conductors

Entity where project took place: Hopkins University **Type of entity:** University (USA)

Name principal investigator (PI, Co-PI....): D.O. Cowan

Funding entity or bodies:

National Science Fundation, U.S.A. Solid State Chem

Start-End date: 09/1982 - 11/1983

102 Name of the project: Nanoparticulas sólidas lipídicas para administración subcutánea de compuestos marinos antitumorales- (UNDERLIPIDS).

Entity where project took place: Instituto de Ciencia **Type of entity:** State agency de los Materiales de Barcelona

City of entity: Barcelona, Spain

Name principal investigator (PI, Co-PI....): Nora Ventosa Rull

Nº of researchers: 2

Funding entity or bodies:

MINECO

Type of entity: State agency

Start date: 24/02/2015

Total amount: 312,43 €

103 Name of the project: Accesorios para Espectrómetro de Resonancia de Espín Electrónico. Sistema criogénico, Sistema de irradicación UV, Gaussímetro

Name principal investigator (PI, Co-PI....): Jaume Veciana Miró

Name of the programme: CIC y T

Code according to the funding entity: IN 88-0167

104 Name of the project: Desarrollo de la Química Percloro-orgánica y Síntesis y Aplicaciones de los Radicales libres y de los Conductores Eléctricos Orgánicos Polirradicalarios

Name principal investigator (PI, Co-PI....): M. Ballester

Name of the programme: CAIC y T

Code according to the funding entity: 0013/82



R&D non-competitive contracts, agreements or projects with public or private entities

- 1 Name of the project:** CONTRATO DE LICENCIA EXCLUSIVA DE LA P201231020 "FUNCTIONALIZED LIPOSOMES USEFUL FOR THE DELIVERY OF BIOACTIVE COMPOUNDS"

Degree of contribution: Researcher

City of entity: Spain

Name principal investigator (PI, Co-PI....): Elisa Elisondo Saez de Vicuña; Ingrid Cabrera Puig; Nora Ventosa; Jaume Veciana Jaume Veciana

Nº of researchers: 4

Participating entity/entities: CENTRO DE INVESTIGACION BIOMEDICA EN RED; FUNDACION PARQUE CIENTIFICO DE BARCELONA -PCB- BIOPRAXIS; FUNDACION PRIVADA INSTITUT DE RECERCA BIOMEDICA; HOSPITAL UNIVERSITARIO VALL D'HEBRON; UNIVERSIDAD AUTONOMA DE BARCELONA; UNIVERSIDAD DE BARCELONA

Start date: 18/11/2014

Duration: 19 years

Total amount: 0 €

- 2 Name of the project:** Contrato de licencia de la patente CU2012-0112 "Vesículas que comprenden factor de crecimiento epidémico y composiciones que las contienen"

Degree of contribution: Researcher

Name principal investigator (PI, Co-PI....): Jaume Veciana Miro

Nº of researchers: 2

Funding entity or bodies:

: Centro de Ingeniería Genética y Biotecnología, Cuba

City funding entity: La Haban, Cuba

Start date: 23/10/2013

Duration: 20 years

Total amount: 350 €

- 3 Name of the project:** CONTRATO DE LICENCIA EXCLUSIVA DE LA PATENTE Nº 200803753 DE TITULO " PROCEDIMIENTO PARA LA OBTENCION DE MICRO O NANOPARTICULAS SOLIDAS

Degree of contribution: Researcher

City of entity: Spain

Name principal investigator (PI, Co-PI....): Jaume Veciana Jaume Veciana

Nº of researchers: 2

Participating entity/entities: CONSORCIO CENTRO DE INVESTIGACION BIOMEDICA EN RED BIOINGENIERIA, BIOMATERIALES Y NANOMEDICINA (CIBER-BBN) NANOMOL TECHNOLOGIES, S.A

Start date: 15/03/2012

Duration: 14 years

Total amount: 300.000 €

- 4 Name of the project:** Diseño de un prototipo sensor de lluvia adaptado para su utilización en condiciones reales

Name principal investigator (PI, Co-PI....): Jaume Veciana

Funding entity or bodies:

ADASENS AUTOMOTIVE

Start date: 23/02/2011

Duration: 5 months

Total amount: 29.000 €

- 5 Name of the project:** Viabilidad de uso de film conductor orgánico-polimérico como sensor de lluvia para aplicaciones de automoción" y opción de licencia vinculada

Name principal investigator (PI, Co-PI....): Jaume Veciana

**Funding entity or bodies:**

ADDSENS-AUTOMOTIVE (Grupo FICOSA)

Start date: 22/12/2009**Duration:** 2 months**Total amount:** 15.000 €

- 6 Name of the project:** Investigación y desarrollo de metodologías para el procesado del compuesto NP031112 por tecnologías de precipitación con fluidos comprimidos en presencia de inhibidores de crecimiento cristalino

Name principal investigator (PI, Co-PI....): Nora Ventosa**Funding entity or bodies:**

NOSCIRA

Type of entity: Business**Start date:** 01/10/2009**Duration:** 2 months**Total amount:** 28.500 €

- 7 Name of the project:** NANO-NOS. Viabilidad de procesado del compuesto NP031112 por tecnologías de precipitación inducida por cambios de presión en fluidos comprimidos

Name principal investigator (PI, Co-PI....): Nora Ventosa**Funding entity or bodies:**Centro para el Desarrollo Tecnológico Industrial **Type of entity:** Business**City funding entity:** Madrid, Community of Madrid, Spain**Name of the programme:** Programa CENIT**Start date:** 01/10/2008**Duration:** 5 months**Total amount:** 40.000 €

- 8 Name of the project:** Estudio de viabilidad de micronizar un API para ser suministrado por vía inhalatoria

Name principal investigator (PI, Co-PI....): Nora Ventosa**Funding entity or bodies:**Laboratorios Almirall, S.A. **Type of entity:** Business**City funding entity:** Barcelona, Catalonia, Spain**Start date:** 01/04/2008**Duration:** 2 months**Total amount:** 14.000 €

- 9 Name of the project:** Investigación y desarrollo de procesos basado en la utilización de fluidos comprimidos para obtener un activo farmacéutico como sólido particulado puro con tamaño de partícula entre 100-200 nm

Name principal investigator (PI, Co-PI....): Nora Ventosa**Funding entity or bodies:**Neuropharma, S.A. **Type of entity:** Business**City funding entity:** Tres Cantos, Community of Madrid, Spain**Start date:** 01/03/2008**Duration:** 6 months**Total amount:** 57.000 €

- 10 Name of the project:** Preparación de películas orgánicas conductoras como material alternativo a ITO en aplicaciones electrónicas en tejidos

Name principal investigator (PI, Co-PI....): Marta Mas Torrent**Funding entity or bodies:**

FUNDACION PRIVADA CETEMMSA

City funding entity: Spain**Start date:** 01/01/2008**Duration:** 6 months



Total amount: 34.600 €

11 Name of the project: Procesado de poliuretanos con fluidos compridos

Name principal investigator (PI, Co-PI....): Nora Ventosa

Funding entity or bodies:

Merquinsa

Type of entity: Business

Start date: 01/02/2007

Duration: 4 months

Total amount: 46.800 €

12 Name of the project: LICENCIA EXCLUSIVA DE EXPLOTACION DE LA PATENTE NO. BO2004A000076, PCT/EP05/001494 DE TITULO: "METODO PER LA REALIZZAZIONE DI UN FILM SOTTILE DI COMPOSIZIONE CHIMICA SPAZIALMENTE STRUTTURATA SU SCALA MICROMETRICA O NANO-METRICA SU UN SUPPORTO"

Degree of contribution: Researcher

City of entity: Spain

Name principal investigator (PI, Co-PI....): Jaume Veciana Jaume Veciana; Daniel Ruiz Molina; Jorge Gomez Segura

Nº of researchers: 3

Start date: 01/08/2005

Duration: 19 years

Total amount: 0 €

13 Name of the project: DELOS-SUSP and DELOS-PLUS materials processing techniques

Name principal investigator (PI, Co-PI....): Jaume Veciana

Participating entity/entities: ACTIVERY BIOTECH, S.L.; MATGAS 2000 A.I.E.

Start date: 01/04/2005

Duration: 1 year

Total amount: 60.000 €

14 Name of the project: Co-cristalization of hidroclorotiazide with other compounds using precipitation procedures with compressed fluids

Name principal investigator (PI, Co-PI....): Nora Ventosa

Participating entity/entities: ACTIVERY BIOTECH, S.L.; FERRER INTERNACIONAL, S.A.; MATGAS 2000 A.I.E.

Funding entity or bodies:

CENTRO DE ACUSTICA APLICADA Y EVALUACION NO DESTRUCTIVA

Type of entity: Associations and Groups

Start date: 01/06/2003

Duration: 1 year

Total amount: 52.997 €

15 Name of the project: DELOS processing of polymeric materials

Participating entity/entities: MATGAS 2000 AIE

Start date: 01/06/2003

Duration: 1 year

Total amount: 60.515 €

16 Name of the project: Critical formulation of innovative drug delivery systems combining nanotechnology and adsorption modifiers

Name principal investigator (PI, Co-PI....): Nora Ventosa; Jaume Veciana

Funding entity or bodies:

Uniqema - ICI

Start date: 01/05/2003

Duration: 1 year

Total amount: 34.250 €

**17 Name of the project:** Chitin-Chitosan Particle Design**Funding entity or bodies:**

CENTRO DE INFORMACION Y DESARROLLO EMPRESARIAL -CIDEM-

City funding entity: Spain**Start date:** 01/01/2003**Duration:** 2 years**Total amount:** 120.000 €**18 Name of the project:** Micronización de poloxámeros y macrogols mediante el método DELOS**Name principal investigator (PI, Co-PI....):** Jaume Veciana; Nora Ventosa**Funding entity or bodies:**

Uniqema - ICI

Start date: 01/05/2002**Duration:** 6 months**Total amount:** 22.538 €**19 Name of the project:** Development of the DELOS metod for obtaining finely divided –coated and uncoated –particles of organic compounds using compressed CO₂ in liquid or supercritical state**Name principal investigator (PI, Co-PI....):** Jaume Veciana**Funding entity or bodies:**

Air Products & Chemicals

Start date: 01/12/2001**Duration:** 1 year**Total amount:** 59.000 €**20 Name of the project:** Development of the DELOS process in order to obtain nano-sized powders of polymeric composites**Name principal investigator (PI, Co-PI....):** Jaume Veciana; Nora Ventosa**Funding entity or bodies:**

MATGAS 2000 A.I.E.

City funding entity: Spain**Start date:** 15/11/2001**Duration:** 1 year**Total amount:** 93.157 €**21 Name of the project:** Obtención de partículas finamente divididas de un fármaco mediante un proceso de cristalización a alta presión empleando CO₂ en estado líquido o supercrítico**Name principal investigator (PI, Co-PI....):** Nora Ventosa; Jaume Veciana**Funding entity or bodies:**

VITA-INVEST, S.A.

City funding entity: Spain**Start date:** 01/06/2001**22 Name of the project:** Obtención de partículas finamente divididas de compuestos orgánicos mediante el nuevo método de precipitación DELOS**Name principal investigator (PI, Co-PI....):** Jaume Veciana; Nora Ventosa**Funding entity or bodies:**

Carburos Metálicos, S.A.

Type of entity: Business**City funding entity:** Barcelona, Catalonia, Spain**Start date:** 01/09/2000**Duration:** 1 year**Total amount:** 50.353 €



23 Name of the project: Theoretical Modelling of Solubility Behaviours of compounds in CO₂ and cavitation effects.

Name principal investigator (PI, Co-PI....): Jaume Veciana; Nora Ventosa

Funding entity or bodies:

Raytheon Technologies

Start date: 01/01/2000

Duration: 6 months

Total amount: 13.637 €

24 Name of the project: Estudio de la actuación de radicales libres presentes en blanqueantes industriales

Name principal investigator (PI, Co-PI....): Concepció Rovira

Funding entity or bodies:

Henkel Ibérica, S.A.

Type of entity: Business

City funding entity: Barcelona, Catalonia, Spain

Start date: 01/11/1999

Total amount: 60.000 €

25 Name of the project: Desarrollo de la Cristalización supercrítica ASES (Aerosol Solvent System) y del nuevo método de precipitación DELOS (Despresurization of an Expanded Liquid Organic Solution) para la obtención de colorantes con un tamaño de partícula inferior a las 10μm

Name principal investigator (PI, Co-PI....): Jaume Veciana; Nora Ventosa

Funding entity or bodies:

Carburos Metálicos, S.A.

Type of entity: Business

City funding entity: Barcelona, Catalonia, Spain

Start date: 01/07/1999

Duration: 1 year

Total amount: 47.600 €

26 Name of the project: Desarrollo de la cristalización supercrítica ASES (Aerosol Solvent Extraction System) como alternativa a los procesos de cristalización convecionales de colorantes

Name principal investigator (PI, Co-PI....): Jaume Veciana

Funding entity or bodies:

Carburos Metálicos, S.A.

Type of entity: Business

City funding entity: Barcelona, Catalonia, Spain

Start date: 01/01/1998

Duration: 1 year - 6 months

Total amount: 40.147 €

27 Name of the project: Cristalización supercrítica GAS como alternativa a los procesos de acabado convencionales para la obtención de pigmentos y colorantes

Name principal investigator (PI, Co-PI....): Jaume Veciana

Funding entity or bodies:

Carburos Metálicos, S.A.

Type of entity: Business

City funding entity: Barcelona, Catalonia, Spain

Start date: 01/01/1997

Duration: 1 year - 6 months

Total amount: 43.994 €

28 Name of the project: Caracterización de moléculas con actividades fitosanitaria

Name principal investigator (PI, Co-PI....): Concepció Rovira

Funding entity or bodies:

INDUSTRIAS QUÍMICAS DEL VALLES



City funding entity: Spain

Start date: 15/12/1992

Duration: 1 year

Total amount: 18.000 €

29 Name of the project: Evaluación mediante espectroscopia de ESR de atrapadores radicalarios en torres de refino de petróleo

Name principal investigator (PI, Co-PI....): Jaume Veciana

Funding entity or bodies:

ESSO-Spain; filial de EXXON Chemicals

Start date: 01/01/1989

Duration: 4 years

Total amount: 48.000 €

Results

Industrial and intellectual property

1 Title registered industrial property: A SYNTHETIC HYDROGEL AND ITS USE FOR IMMUNOTHERAPY AND 3D-PRINTING

Inventors/authors/obtainers: Imma Ratera Imma Ratera; Roberto FABIAO Santos ABreu; Jaume Veciana Jaume Veciana; Eduardo PEREZ DEL RIO; Xavier RODRIGUEZ RODRIGUEZ; Marc MARTINEZ Miguel; Judith Guasch CAMELL

Entity holder of rights: Instituto de Ciencia de los Materiales de Barcelona

Nº of application: PCT

Country of inscription: Spain

Date of register: 21/05/2020

2 Title registered industrial property: NANOVESICLES AND ITS USE FOR NUCLEIC ACID DELIVERY

Inventors/authors/obtainers: Veciana 2; Ventosa 1

Entity holder of rights: VHIR and CSIC

Nº of application: P4830US00

Country of inscription: United States of America

Date of register: 13/05/2019

3 Title registered industrial property: Nanovesicles and its use for nucleic acid delivery

Inventors/authors/obtainers: 1; F. Segura Guinard; S. Gallego Melcon; J. Sanchez de Toledo Codina; A. Soriano Fernandez; N. Ventosa Rull; J. Veciana Miro; A. Boloix Amenos; N. Segovia Ramos

Entity holder of rights: Fundació Hospital Universitari Vall d'Hebron

Nº of application: EP19382372.1

Country of inscription: Spain

Date of register: 13/05/2019

EU patent: Yes

PCT patent: Yes

Licences: Yes

4 Title registered industrial property: FLUORESCENT NANOVESICLES , METHOD FOR OBTAINING THEM AND USES THEREOF

Entity holder of rights: Instituto de Ciencia de los Materiales de Barcelona

Nº of application: PCT/EP17/069190

Country of inscription: Spain



Date of register: 28/07/2017

5 Title registered industrial property: Silicon Nanocrystal Nanovesicle Assemblies. Compositions and Methods of Making and Uses Thereof

Inventors/authors/obtainers: 1; Dorothy Silbaugh; Brian A. Korgel; Lidia Priscila Ferrer Tasies; Nora Ventosa Rull

Entity holder of rights: Board of Regents, The University of Texas System, Austin, TX (USA); Consejo Superior de Investigaciones Científicas, Madrid, SPAIN

Nº of application: US 62/299,939

Country of inscription: United States of America

Date of register: 03/09/2016

6 Title registered industrial property: DERIVADOS DE 1,3-BISDIFENILEN-2-FENILALILO Y SU APLICACION EN POLARIZACION...

Inventors/authors/obtainers: Jose Luis Muñoz Gomez; Vega LLOVERAS MONTSERRAT; Jose VIDAL GANCEDO; Jaume Veciana Jaume Veciana

Entity holder of rights: Instituto de Ciencia de los Materiales de Barcelona

Nº of application: PCT201431388

Country of inscription: Spain

Date of register: 24/09/2014

7 Title registered industrial property: VESICLES COMPRISING EPIDERMAL GROWTH FACTOR AND COMPOSITIONS THEREOF

Type of industrial property: Patent of invention

Inventors/authors/obtainers: N. Ventosa; I. Cabrera; J. Veciana; H. Santana; E. Martinez; J. A. Berlanga

Entity holder of rights: CSIC y CIGB

Nº of application: PCT/CU2013/00000 (2.08.2013); EP No. 13759116.0 (02.08.2013); USA No. 14/418,511 (02.08.2013)

Country of inscription: Cuba

Date of register: 02/08/2012

Spanish patent: Yes

EU patent: Yes

International non-EU patent: Yes

PCT patent: Yes

Licences: Yes

Operating aut.region/region: Argentina / Australia / Canada / China / Cuba / Hong Kong / India / Indonesia / Japan / Republic of Korea / Lebanon / Mexico / Russia / Singapore / Thailand / United Arab Emirates / Ukraine / United States of America / Venezuela

Exclusive use: Yes

Relevant results: Licencia a CIGB

8 Title registered industrial property: FUNCTIONALIZED LIPOSOMES USEFUL FOR THE DELIVERY OF BIOACTIVE COMPOUNDS

Type of industrial property: Patent of invention

Inventors/authors/obtainers: N. Ventosa; I. Cabrera; E. Elizondo; J. Veciana; S. Sala; M. Melgarejo; M. Royo; F. Albericio; D. Pulido

Entity holder of rights: CSIC / CIBER-BBN / UB / IRB / PCB

Nº of application: PCT/EP2013/063646

Country of inscription: Spain

Date of register: 29/06/2012

Spanish patent: Yes

EU patent: Yes

International non-EU patent: Yes

PCT patent: Yes

Licences: Yes

Operating aut.region/region: Brazil / Japan



9 Title registered industrial property: Interruptor molecular hidrofóbico-hidrofílico, dispositivo que lo contiene y procedimiento para el control de la hidrofobicidad en superficie

Type of industrial property: Patent of invention

Inventors/authors/obtainers: J. Veciana; C. Rovira; M. Mas-Torrent; C. Simão; F. Vera

Entity holder of rights: CSIC

Nº of application: 201130164

Country of inscription: Spain

Date of register: 08/02/2011

Spanish patent: Yes

PCT patent: Yes

10 Title registered industrial property: Cuerpos de inclusión, células bacterianas y composiciones que los contienen y sus usos

Type of industrial property: Patent of invention

Inventors/authors/obtainers: J. Veciana; I. Ratera; C. Diez-Gil; A. P. Villaverde; E. Vázquez; E. García-Fruitós

Entity holder of rights: CSIC, UAB y CIBER-BBN

Nº of application: 200900045

Country of inscription: Spain

Date of register: 30/12/2008

Spanish patent: Yes

EU patent: Yes

International non-EU patent: Yes

PCT patent: Yes

Licences: Yes

Companies: JANUS DEVELOPMENT SL

Exclusive use: Yes

Relevant results: Licencia a Janus Developments SL

11 Title registered industrial property: Preparing micro/nanodisperse systems e.g. liposomes involves dissolving/suspending compound in a fluid; thermostatizing; adding second fluid; reducing the pressure; and adding third fluid (E1), in which first fluid is miscible

Type of industrial property: Patent of invention

Inventors/authors/obtainers: M. Cano-Sarabia; N. Ventosa; S. Sala; J. Veciana

Entity holder of rights: CSIC y CIBER-BBN

Nº of application: WO2006079889-A1; ES2265262-A1; EP1843836-A1; US2007259971-A1; ES2265262-B1; EP1843836-B1; DE60200600

Country of inscription: Spain

Date of register: 30/12/2008

Spanish patent: Yes

EU patent: Yes

International non-EU patent: Yes

PCT patent: Yes

Licences: Yes

Creating an innovative enterprise: Yes

Results: Success

Relevant results: Licencia a Nanomol Technologies SA

12 Title registered industrial property: Truncated contact lens for use in telemetry system, has truncation plane provided parallel to base of lens, and centrally placed polymer nanocomposite material joined to perimeter of truncated zone

Type of industrial property: Patent of invention

Inventors/authors/obtainers: J. Veciana; C. Rovira; M. Mas-Torrent; R. Villa; J. Aguiló; J. C. Pastor; F. Ussa; E. Laukhina; V. Laukhin

Entity holder of rights: CSIC, Univ. de Valladolid, ICREA, UAB, CIBER-BBN



Nº of application: WO2009147277-A1; ES2330405-A1; ES2330405-B1; CA2726935-A1; EP2305100-A1; CN102098956-A; JP2011521759

Country of inscription: Spain

Date of register: 06/06/2008

Spanish patent: Yes

PCT patent: Yes

- 13 Title registered industrial property:** New pseudo-polymorphic form of nicardipine hydrochloride dihydrate, for use as drug and for preparation of drug for treatment of vascular diseases, such as hypertensive crises

Type of industrial property: Patent of invention

Inventors/authors/obtainers: M. Muntó; N. Ventosa; J. Veciana; N. Masciochi

Entity holder of rights: CSIC y Università dell'Insubria

Nº of application: WO2009133180-A1; ES2332168-A1; ES2332168-B1

Country of inscription: Spain

Date of register: 30/04/2008

Spanish patent: Yes

PCT patent: Yes

- 14 Title registered industrial property:** New composition comprising gentamicin, an anionic surfactant, and a copolymer of methyl vinyl ether and maleic acid derivative, useful for manufacturing a medicine to treat a disease caused by *Salmonella* spp. and *Brucella* spp

Type of industrial property: Patent of invention

Inventors/authors/obtainers: E. Elizondo; N. Ventosa; S. Sala; J. Veciana; E. Imbuluzqueta; D. Gonzalez; M.J. Blanco-Prieto; C. Gamazo

Entity holder of rights: CSIC y Universidad de Navarra

Nº of application: WO2009071730-A1; ES2328001-A1; ES2328001-B1

Country of inscription: Spain

Date of register: 07/12/2007

Spanish patent: Yes

PCT patent: Yes

- 15 Title registered industrial property:** Use of an ion complex of gentamicin and bis-(2-ethylhexyl) sulfosuccinate sodium (AOT), for manufacturing a medicine to treat a disease caused by a bacteria of the genus *Brucella*, preferably brucellosis and for processing fluid tablets

Type of industrial property: Patent of invention

Inventors/authors/obtainers: E. Elizondo; N. Ventosa; S. Sala; J. Veciana; E. Imbuluzqueta; D. Gonzalez; M.J. Blanco-Prieto; C. Gamazo

Entity holder of rights: CSIC y Universidad de Navarra

Nº of application: WO2009071731-A1; ES2328208-A1; ES2328208-B1

Country of inscription: Spain

Date of register: 07/12/2007

Spanish patent: Yes

PCT patent: Yes

- 16 Title registered industrial property:** Functionalizing substrate from a molecular compound or polymer for detecting chemical signals, comprises preparing slurry of nanoparticles of the functional molecular compound and filtering the slurry

Type of industrial property: Patent of invention

Inventors/authors/obtainers: J. Veciana; I. Ratera; C. Díez-Gil; P. Molina; A. Tárraga; R. Martínez; A. Caballero; F. Zapata.

Entity holder of rights: CSIC y Universidad de Murcia



Nº of application: WO2008077985-A1; ES2302462-A1; ES2302462-B1; EP2116298-A1; CA2673925-A1; US2010129258-A1

Country of inscription: Spain

Date of register: 27/12/2006

Spanish patent: Yes

PCT patent: Yes

Licences: Yes

Relevant results: Opción de licencia a Abba Gaia SL

17 Title registered industrial property: Organic sensor device for e.g. molecular electronics, has layer of organic material having conductive salt or complex including molecule and dopant, and basesubstrate provided in close contact with layer of organic material

Type of industrial property: Patent of invention

Inventors/authors/obtainers: E. Laukhina; M. Mas-Torrent; J. Veciana; C. Rovira; V. Laukhin

Entity holder of rights: CSIC y ICREA

Nº of application: WO2008059095-A1; ES2299392-A1; ES2299392-B1; EP2091093-A1; CA2669614-A1; US2010028209-A1; CN10166922

Country of inscription: Spain

Date of register: 14/11/2006

Spanish patent: Yes

EU patent: Yes

International non-EU patent: Yes

PCT patent: Yes

Licences: Yes

Exclusive use: No

Relevant results: Contrato de opción de licencia a Adasens Automotive SL

18 Title registered industrial property: Method for obtaining derivatives of dichalcogenophene-tetrachalcogenofulvalene used in electronics based on plastics or organic materials, for manufacturing electronic device, involves carrying out coupling reaction

Type of industrial property: Patent of invention

Inventors/authors/obtainers: N. Crivillers; N. S. Oxtoby; M. Mas-Torrent; J. Veciana; C. Rovira

Entity holder of rights: CSIC

Nº of application: WO2008046949-A1; ES2298066-A1; ES2298066-B1

Country of inscription: Spain

Date of register: 20/10/2006

Spanish patent: Yes

PCT patent: Yes

19 Title registered industrial property: Forming pattern in organic conductor substrate, involves forming pattern on organic substrate having semiconductor, superconductor or metallic type conductingproperties, chemically

Type of industrial property: Patent of invention

Inventors/authors/obtainers: J. Veciana; C. Rovira; E. Laukhina; M. Mas-Torrent; V. Laukhin; C. Creely; D. Petrov.

Entity holder of rights: CSIC, ICFO y ICREA

Nº of application: WO2007014975-A1; ES2272172-A1; ES2272172-B1; EP1919006-A1; CN101317281-A; JP2009509317-W; CA2617110-

Country of inscription: Spain

Date of register: 29/07/2005

Spanish patent: Yes

EU patent: Yes

International non-EU patent: Yes

PCT patent: Yes



20 Title registered industrial property: Obtaining micro-/nano- particulated composite comprises adding compounds to fluid A to obtain mixture A, adding fluid B to mixture A to form solution AB, maintaining pressure of solution AB, and reducing pressure of solution AB

Type of industrial property: Patent of invention

Inventors/authors/obtainers: N. Ventosa; J. Veciana; M. Muntó

Entity holder of rights: ACTIVERY BIOTECH S.L. y SOCIEDAD ESPAÑOLA DE CARBUROS METALICOS, S.A.

Nº of application: WO2007009986-A2; ES2292300-A1; ES2292300-B1; WO2007009986-A3

Country of inscription: Spain

Date of register: 19/07/2005

Spanish patent: Yes

EU patent: Yes

International non-EU patent: Yes

PCT patent: Yes

Licences: Yes

Relevant results: Es

21 Title registered industrial property: Procedimiento para la obtención de sistemas micro-y nanodispersos

Type of industrial property: Patent of invention

Inventors/authors/obtainers: N. Ventosa; J. Veciana; S. Sala; M. Cano

Entity holder of rights: NANOMOL TECHNOLOGIES SA

Nº of application: 200500172

Country of inscription: Spain

Date of register: 31/01/2005

Spanish patent: Yes

EU patent: Yes

International non-EU patent: Yes

PCT patent: Yes

Licences: Yes

Companies: NANOMOL TECHNOLOGIES 16

22 Title registered industrial property: Method for providing a thin film on a substrate e.g. a gel or biological molecules, to obtain a product, comprises dispersing the material in the substrate to obtain a mixture, modeling and conditioning the mixture

Type of industrial property: Patent of invention

Inventors/authors/obtainers: M. Cavallini; F. Biscarini; D. Ruiz-Molina; J. Gómez Segura; J. Veciana.

Entity holder of rights: Scriba Nanotechnologie S.r.l. y CSIC

Nº of application: WO2005078521-A2; EP1716452-A2; IN200602294-P2; CN1926472-A; US2007182060-A1; EP1716452-B1; DE6020050

Country of inscription: Italy

Date of register: 17/02/2004

Spanish patent: Yes

EU patent: Yes

International non-EU patent: Yes

PCT patent: Yes

Licences: Yes

Companies: Scriba Nanotecnologie (Italy)

Exclusive use: Yes

Relevant results: Licencia a Scriba Nanotecnologie

23 Title registered industrial property: Preparation of fine particles of heat and mechanical degradation sensitive material, e.g. drugs, by reducing the pressure of a solution of the material in two liquids

Type of industrial property: Patent of invention

Inventors/authors/obtainers: N. Ventosa; J. Veciana; C. Rovira; S. Sala

Entity holder of rights: NANOMOL TECHNOLOGIES SA

Nº of application: WO200216003-A1; AU200184065-A; ES2170008-A1; EP1314465-A1; US2003098517-A1; ES2170008-B1; EP1314465-

Country of inscription: Spain



Date of register: 25/08/2000

Spanish patent: Yes

International non-EU patent: Yes

EU patent: Yes

PCT patent: Yes

24 Title registered industrial property: Procedimiento para la obtención de 1-ariloxi-3-nitroamino-2-propanoles

Type of industrial property: Patent of invention

Inventors/authors/obtainers: M. Ballester; J. Riera; J. Castañer; J. Veciana; C. Rovira; O. Armet.

Entity holder of rights: CSIC

Nº of application: 491.781

Country of inscription: Spain

Date of register: 23/10/1989

Spanish patent: Yes

Technological results derived from specialized and transfer activities, not included in previous sections

1 Description: Co-fundador y asesor científico senior de la empresa "spin-off" "Nanomol Technologies, SA"

Name of the principal Investigator (PI): Vicenç Pedret

Degree of contribution: asesor

Start date: 01/12/2010

Duration: 3 years

2 Description: Co-fundador y asesor científico de la empresa start-up "Activery Biotech, SL"

Name of the principal Investigator (PI): Carles Ventosa Rull

Degree of contribution: Researcher

Start date: 01/05/2004

Duration: 5 years

3 Description: Descubrimiento y desarrollo de método de procesamiento de compuestos orgánicos particilados (DELOS y DELOS SUSP)

Name of the principal Investigator (PI): Joan Llibre

Degree of contribution: Coordinator of total project, network or consortium

Collaborating entity or bodies:

Carburos Metálicos, S.A.

Type of entity: Business

City collaborating entity: Barcelona, Catalonia, Spain

Start date: 01/01/1998

Duration: 6 years



Scientific and technological activities

Scientific production

1 H index: 66

Date of application: 05/03/2022

Fuente de Indice H: WOS

2 H index: 67

Date of application: 05/03/2022

Fuente de Indice H: SCOPUS

Publications, scientific and technical documents

1 Lidia Ferrer-Tasies; Hector Santana; Ingrid Cabrera-Puig; Elisabet Gonzales-Mira; Lidia Ballell Hosa; Carla Castellar Alvarez; Alba Cordoba; Josep Merlo-Mas; Haydee Geronimo; Glay Chinea; Viviana Falcon; Evelyn Moreno-Calvo; Jan Skov Pedersen; Jessica Romero; Claudia Navarro Requena; Calixto Valdez; Miladys Limonta; Jorge Berlanga; Santiago Sala; Eduardo Martinez; Jaume Veciana; Nora Ventosa. Recombinant Human Epidermal Growth Factor/Quatsome Nanoconjugates: A Robust Topical Delivery System for Complex Wound Healing. Advanced Therapautics. 10.1002/adtp.2020002, pp. 2000260. Wiley-VCH, 10/04/2021.

Type of production: Scientific paper

Format: Journal

Corresponding author: Yes

2 Tomsen-Melero, Judit; Passemard, Solene; Garcia-Aranda, Natalia; Vanessa Diaz-Riascos, Zamira; Gonzalez-Rioja, Ramon; Nedergaard Pedersen, Jannik; Lyngso, Jeppe; Merlo-Mas, Josep; Cristobal-Lecina, Edgar; Luis Corchero, Jose; Pulido, Daniel; Camara-Sanchez, Patricia; Portnaya, Irina; Ionita, Inbal; Schwartz Jr, Simo; Veciana, Jaume; Sala, Santi; Royo, Miriam; Cordoba, Alba; Danino, Dganit; Pedersen, Jan Skov; Gonzalez-Mira, Elisabet; Abasolo, Ibane; Ventosa, Nora. Impact of Chemical Composition on the Nanostructure and Biological Activity of alpha-Galactosidase-Loaded Nanovesicles for Fabry Disease Treatment. ACS APPLIED MATERIALS & INTERFACES. 13 - 7, pp. 7825 - 7838. AMER CHEMICAL SOC, 24/02/2021. ISSN 1944-8244, ISSN 1944-8252

Type of production: Scientific paper

Format: Journal

Source of citations: WOS

Citations: 0

3 Han, Yingmei; Serena Maglione, Maria; Cabanes, Valentin Diez; Casado-Montenegro, Javier; Yu, Xiaojiang; Karuppannan, Senthil Kumar; Zhang, Ziyu; Crivillers, Nuria; Mas-Torrent, Marta; Rovira, Concepcio; Cornil, Jerome; Veciana, Jaume; Nijhuis, Christian A.. Reversal of the Direction of Rectification Induced by Fermi Level Pinning at Molecule-Electrode Interfaces in Redox-Active Tunneling Junctions. ACS APPLIED MATERIALS & INTERFACES. 12 - 49, pp. 55044 - 55055. AMER CHEMICAL SOC, 09/12/2020. ISSN 1944-8244, ISSN 1944-8252

Type of production: Scientific paper

Format: Journal

Source of citations: WOS

Citations: 1

4 Mayorga-Burrezo, Paula; Sporer, Christian; de Sousa, J. Alejandro; Capra, Nicola; Wurst, Klaus; Crivillers, Nuria; Veciana, Jaume; Rovira, Concepcio. Electrocatalytic oxidative Z/E isomerization of a stilbene favoured by the presence of an electroactive persistent radical. CHEMICAL COMMUNICATIONS. 56 - 91, pp. 14211 - 14214. ROYAL SOC CHEMISTRY, 25/11/2020. ISSN 1359-7345, ISSN 1364-548X

Type of production: Scientific paper

Format: Journal

**Source of citations:** WOS**Citations:** 0

- 5** Perez del Rio, Eduardo; Santos, Fabiao; Rodriguez Rodriguez, Xavier; Martinez-Miguel, Marc; Roca-Pinilla, Ramon; Aris, Anna; Garcia-Fruitos, Elena; Veciana, Jaume; Spatz, Joachim P.; Ratera, Imma; Guasch, Judith. CCL21-loaded 3D hydrogels for T cell expansion and differentiation. BIOMATERIALS. 259, ELSEVIER SCI LTD, 01/11/2020. ISSN 0142-9612, ISSN 1878-5905

Type of production: Scientific paper**Format:** Journal**Source of citations:** WOS**Citations:** 2

- 6** Jimenez, Vicente G.; Mayorga-Burrezo, Paula; Blanco, Victor; Lloveras, Vega; Gomez-Garcia, Carlos J.; Solomek, Tomas; Cuerva, Juan M.; Veciana, Jaume; Campana, Araceli G.. Dibenzocycloheptatriene as end-group of Thiele and tetrabenzo-Chichibabin hydrocarbons. CHEMICAL COMMUNICATIONS. 56 - 84, pp. 12813 - 12816. ROYAL SOC CHEMISTRY, 28/10/2020. ISSN 1359-7345, ISSN 1364-548X

Type of production: Scientific paper**Format:** Journal**Source of citations:** WOS**Citations:** 1

- 7** Badetti, Elena; Lloveras, Vega; Amadio, Emanuele; Di Lorenzo, Rosalia; Olivares-Marin, Mara; Tesio, Alvaro Y.; Zhang, Songbai; Pan, Fangfang; Rissanen, Kari; Veciana, Jaume; Tonti, Dino; Vidal-Gancedo, Jose; Zonta, Cristiano; Licini, Giulia. Organic Polyradicals as Redox Mediators: Effect of Intramolecular Radical Interactions on Their Efficiency. ACS APPLIED MATERIALS & INTERFACES. 12 - 41, pp. 45968 - 45975. AMER CHEMICAL SOC, 14/10/2020. ISSN 1944-8244, ISSN 1944-8252

Type of production: Scientific paper**Format:** Journal**Source of citations:** WOS**Citations:** 0

- 8** Junghoefer, Tobias; Malgorzata Nowik-Boltyk, Ewa; Alejandro de Sousa, J.; Giangrisostomi, Erika; Ovsyannikov, Ruslan; Chass, Thomas; Veciana, Jaume; Mas-Torrent, Marta; Rovira, Concepcio; Crivillers, Nuria; Benedetta Casu, Maria. Stability of radical-functionalized gold surfaces by self-assembly and on-surface chemistry. CHEMICAL SCIENCE. 11 - 34, pp. 9162 - 9172. ROYAL SOC CHEMISTRY, 14/09/2020. ISSN 2041-6520, ISSN 2041-6539

Type of production: Scientific paper**Format:** Journal**Source of citations:** WOS**Citations:** 0

- 9** Badetti, Elena; Lloveras, Vega; Scaramuzzo, Francesca Anna; Wurst, Klaus; Veciana, Jaume; Vidal-Gancedo, Jose; Licini, Giulia; Zonta, Cristiano. Tris-pyridylmethylamine (TPMA) complexes functionalized with persistent nitronyl nitroxide organic radicals. DALTON TRANSACTIONS. 49 - 29, pp. 10011 - 10016. ROYAL SOC CHEMISTRY, 07/08/2020. ISSN 1477-9226, ISSN 1477-9234

Type of production: Scientific paper**Format:** Journal**Source of citations:** WOS**Citations:** 2

- 10** Martinez-Miguel, Marc; Kyvik, Adriana R.; Ernst, Lena M.; Martinez-Moreno, Albert; Cano-Garrido, Olivia; Garcia-Fruitos, Elena; Vazquez, Esther; Ventosa, Nora; Guasch, Judith; Veciana, Jaume; Villaverde, Antonio; Ratera, Imma. Stable anchoring of bacteria-based protein nanoparticles for surface enhanced cell guidance. JOURNAL OF MATERIALS CHEMISTRY B. 8 - 23, pp. 5080 - 5088. ROYAL SOC CHEMISTRY, 21/06/2020. ISSN 2050-750X, ISSN 2050-7518

Type of production: Scientific paper**Format:** Journal**Source of citations:** WOS**Citations:** 0

- 11** Horii, Yoji; Damjanovic, Marko; Ajayakumar, M. R.; Katoh, Keiichi; Kitagawa, Yasutaka; Chibotaru, Liviu; Ungur, Liviu; Mas-Torrent, Marta; Wernsdorfer, Wolfgang; Breedlove, Brian K.; Enders, Markus; Veciana, Jaume; Yamashita, Masahiro. Highly Oxidized States of Phthalocyaninato Terbium(III) Multiple-Decker Complexes



Showing Structural Deformations, Biradical Properties and Decreases in Magnetic Anisotropy. CHEMISTRY-A EUROPEAN JOURNAL. 26 - 39, pp. 8621 - 8630. WILEY-V C H VERLAG GMBH, 18/06/2020. ISSN 0947-6539, ISSN 1521-3765

Type of production: Scientific paper

Format: Journal

Source of citations: WOS

Citations: 3

- 12** Ajayakumar, M. R.; Moreno, Cesar; Alcon, Isaac; Illas, Francesc; Rovira, Concepcio; Veciana, Jaume; Bromley, Stefan T.; Mugarza, Aitor; Mas-Torrent, Marta. Neutral Organic Radical Formation by Chemisorption on Metal Surfaces. JOURNAL OF PHYSICAL CHEMISTRY LETTERS. 11 - 10, pp. 3897 - 3904. AMER CHEMICAL SOC, 21/05/2020. ISSN 1948-7185

Type of production: Scientific paper

Format: Journal

Source of citations: WOS

Citations: 1

- 13** Morla-Folch, Judit; Vargas-Nadal, Guillem; Zhao, Tinghan; Sissa, Cristina; Ardizzone, Antonio; Kurhuzenkau, Siarhei; Kober, Mariana; Uddin, Mehrun; Painelli, Anna; Veciana, Jaume; Belfield, Kevin D.; Ventosa, Nora. Dye-Loaded Quatsomes Exhibiting FRET as Nanoprobes for Bioimaging. ACS APPLIED MATERIALS & INTERFACES. 12 - 18, pp. 20253 - 20262. AMER CHEMICAL SOC, 06/05/2020. ISSN 1944-8244, ISSN 1944-8252

Type of production: Scientific paper

Format: Journal

Source of citations: WOS

Citations: 4

- 14** Mayorga-Burrezo, Paula; Jimenez, Vicente G.; Blasi, Davide; Parella, Teodor; Ratera, Imma; Campana, Araceli G.; Veciana, Jaume. An Enantiopure Propeller-Like Trityl-Brominated Radical: Bringing Together a High Racemization Barrier and an Efficient Circularly Polarized Luminescent Magnetic Emitter. CHEMISTRY-A EUROPEAN JOURNAL. 26 - 17, pp. 3776 - 3781. WILEY-V C H VERLAG GMBH, 23/03/2020. ISSN 0947-6539, ISSN 1521-3765

Type of production: Scientific paper

Format: Journal

Source of citations: WOS

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- 15** Vargas-Nadal, Guillem; Munoz-Ubeda, Monica; Alamo, Patricia; Arnal, Montserrat Mitjans; Cespedes, Virtudes; Kober, Mariana; Gonzalez, Elisabet; Ferrer-Tasies, Lidia; Pilar Vinardell, M.; Mangues, Ramon; Veciana, Jaume; Ventosa, Nora. MKC-Quatsomes: a stable nanovesicle platform for bio-imaging and drug-delivery applications. NANOMEDICINE-NANOTECHNOLOGY BIOLOGY AND MEDICINE. 24, ELSEVIER, 01/02/2020. ISSN 1549-9634, ISSN 1549-9642

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- 16** Pinto, Luiz F.; Lloveras, Vega; Zhang, Songbai; Liko, Flonja; Veciana, Jaume; Munoz-Gomez, Jose L.; Vidal-Gancedo, Jose. Fully Water-Soluble Polyphosphorhydrazone-Based Radical Dendrimers Functionalized with Tyr-PROXYL Radicals as Metal-Free MRI T-1 Contrast Agents. ACS APPLIED BIO MATERIALS. 3 - 1, pp. 369 - 376. AMER CHEMICAL SOC, 21/01/2020. ISSN 2576-6422

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Source of citations: WOS

Citations: 7

- 17** Alejandro de Sousa, J.; Bejarano, Francesc; Gutierrez, Diego; Leroux, Yann R.; Malgorzata Nowik-Bolyk, Ewa; Junghoefer, Tobias; Giangrisostomi, Erika; Ovsyannikov, Ruslan; Benedetta Casu, Maria; Veciana, Jaume; Mas-Torrent, Marta; Fabre, Bruno; Rovira, Concepcio; Crivillers, Nuria. Exploiting the versatile alkyne-based chemistry for expanding the applications of a stable triphenylmethyl organic radical on surfaces. CHEMICAL SCIENCE. 11 - 2, pp. 516 - 524. ROYAL SOC CHEMISTRY, 14/01/2020. ISSN 2041-6520, ISSN 2041-6539

Type of production: Scientific paper

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Citations: 3



- 18** Lloveras, Vega; Liko, Flonja; Munoz-Gomez, Jose L.; Veciana, Jaume; Vidal-Gancedo, Jose. Redox-Active PTM Radical Dendrimers as Promising Multifunctional Molecular Switches. *CHEMISTRY OF MATERIALS*. 31 - 22, pp. 9400 - 9412. AMER CHEMICAL SOC, 26/11/2019. ISSN 0897-4756, ISSN 1520-5002

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: Science Edition - CHEMISTRY, PHYSICAL

Impact index in year of publication: 9.567

Journal in the top 25%: Yes

Position of publication: 23

No. of journals in the cat.: 159

Impact source: ISI

Category: Science Edition - MATERIALS SCIENCE, MULTIDISCIPLINARY

Impact index in year of publication: 9.567

Journal in the top 25%: Yes

Position of publication: 29

No. of journals in the cat.: 314

Source of citations: WOS

Citations: 2

- 19** Tatkiewicz, Witold I.; Seras-Franzoso, Joaquin; Garcia-Fruitos, Elena; Vazquez, Esther; Kyvik, Adriana R.; Ventosa, Nora; Guasch, Judith; Villaverde, Antonio; Veciana, Jaume; Ratera, Imma. High-Throughput Cell Motility Studies on Surface-Bound Protein Nanoparticles with Diverse Structural and Compositional Characteristics. *ACS BIOMATERIALS SCIENCE & ENGINEERING*. 5 - 10, pp. 5470 - 5480. AMER CHEMICAL SOC, 01/10/2019. ISSN 2373-9878

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: Science Edition - MATERIALS SCIENCE, BIOMATERIALS

Impact index in year of publication: 4.152

Journal in the top 25%: No

Position of publication: 14

No. of journals in the cat.: 38

Source of citations: WOS

Citations: 1

- 20** Pfattner, Raphael; Laukhina, Elena; Ferlauto, Laura; Liscio, Fabiola; Milita, Silvia; Crespi, Anna; Lebedev, Victor; Mas-Torrent, Marta; Laukhin, Vladimir; Rovira, Concepcion; Veciana, Jaume. On the Sensing Mechanisms of a Hydroresistive Flexible Film Based on an Organic Molecular Metal. *ACS APPLIED ELECTRONIC MATERIALS*. 1 - 9, pp. 1781 - 1791. AMER CHEMICAL SOC, 01/09/2019. ISSN 2637-6113

Type of production: Scientific paper

Format: Journal

Source of citations: WOS

Citations: 0

- 21** Diez-Cabanes, Valentin; Gomez, Andres; Souto, Manuel; Gonzalez-Pato, Nerea; Cornil, Jerome; Veciana, Jaume; Ratera, Imma. Reversible switching of the Au(111) work function by near infrared irradiation with a bistable SAM based on a radical donor-acceptor dyad. *JOURNAL OF MATERIALS CHEMISTRY C*. 7 - 24, pp. 7418 - 7426. 28/06/2019. ISSN 2050-7526

Type of production: Scientific paper

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Source of citations: WOS

Citations: 0

- 22** Davydova, Nadejda; Rodriguez, Xavier R.; Blazquez, Carlos; Gomez, Andres; Perevyazko, Igor; Guasch, Judith; Sergeev, Vladimir; Laukhina, Elena; Ratera, Imma; Veciana, Jaume. Functionalization of polyacrylamide for nanotrapping positively charged biomolecules. *RSC ADVANCES*. 9 - 27, pp. 15402 - 15409. 19/05/2019. ISSN 2046-2069

Type of production: Scientific paper

Format: Journal

Source of citations: WOS

Citations: 0



- 23** Diez-Cabanes, Valentin; Morales, Dayana C.; Souto, Manuel; Paradinas, Markos; Delchiaro, Francesca; Painelli, Anna; Ocal, Carmen; Cornil, David; Cornil, Jerome; Veciana, Jaume; Ratera, Imma. Effect of the Molecular Polarizability of SAMs on the Work Function Modification of Gold: Closed- versus Open-Shell Donor-Acceptor SAMs. *ADVANCED MATERIALS TECHNOLOGIES*. 4 - 5, 05/2019. ISSN 2365-709X
Type of production: Scientific paper **Format:** Journal
Source of citations: WOS **Citations:** 1
- 24** Guasch, Judith; Crivillers, Nuria; Souto, Manuel; Ratera, Imma; Rovira, Concepcio; Samori, Paolo; Veciana, Jaume. Two-dimensional self-assembly and electrical properties of the donor-acceptor tetrathiafulvalene-polychlorotriphenylmethyl radical on graphite substrates. *JOURNAL OF APPLIED PHYSICS*. 125 - 14, 14/04/2019. ISSN 0021-8979
Type of production: Scientific paper **Format:** Journal
Source of citations: WOS **Citations:** 2
- 25** Salzillo, Tommaso; Crivillers, Nuria; Mas-Torrent, Marta; Wurst, Klaus; Veciana, Jaume; Rovira, Concepcio. Synthesis of a vinylogue tetrathiafulvalene derivative and study of its charge transfer complex with TCNQF(4). *SYNTHETIC METALS*. 247, pp. 144 - 150. 01/2019. ISSN 0379-6779
Type of production: Scientific paper **Format:** Journal
Source of citations: WOS **Citations:** 1
- 26** Veciana, Jaume; Mayorga Burrueto, Paula; Jimenez, Vicente G; Blasi, Davide; Ratera, Imma; Campana, Araceli G. Organic free radicals as circularly polarized luminescence emitters. *Angewandte Chemie (International ed. in English)*. 2019.
Type of production: Scientific paper **Format:** Journal
Source of citations: WOS **Citations:** 0
- 27** Burrezo, Paula Mayorga; Zeng, Wangdong; Moos, Michael; Holzapfel, Marco; Canola, Sofia; Negri, Fabrizia; Rovira, Concepcio; Veciana, Jaume; Hoa Phan; Wu, Jishan; Lambert, Christoph; Casado, Juan. Perylene pi-Bridges Equally Delocalize Anions and Cations: Proportioned Quinoidal and Aromatic Content. *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*. 2019. ISSN 1433-7851
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Source of citations: WOS **Citations:** 0
- 28** Gumi-Audenis, Berta; Illa-Tuset, Silvia; Grimaldi, Natascia; Pasquina-Lemonche, Laia; Ferrer-Tasies, Lidia; Sanz, Fausto; Veciana, Jaume; Ratera, Imma; Faraudo, Jordi; Ventosa, Nora; Giannotti, Marina I.. Insights into the structure and nanomechanics of a quatsome membrane by force spectroscopy measurements and molecular simulations. *NANOSCALE*. 10 - 48, pp. 23001 - 23011. 28/12/2018. ISSN 2040-3364
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Source of citations: WOS **Citations:** 0
- 29** Souto, Manuel; Diez-Cabanes, Valentin; Yuan, Li; Kyvik, Adriana R.; Ratera, Imma; Nijhuis, Christian A.; Cornil, Jerome; Veciana, Jaume. Influence of the donor unit on the rectification ratio in tunnel junctions based on donor-acceptor SAMs using PTM units as acceptors. *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*. 20 - 40, pp. 25638 - 25647. 28/10/2018. ISSN 1463-9076
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Source of citations: WOS **Citations:** 3



- 30** Diez-Cabanes, Valentin; Seber, Gonca; Franco, Carlos; Bejarano, Francesc; Crivillers, Nuria; Mas-Torrent, Marta; Veciana, Jaume; Rovira, Concepcio; Cornil, Jerome. Design of Perchlorotriphenylmethyl (PTM) Radical-Based Compounds for Optoelectronic Applications: The Role of Orbital Delocalization. CHEMPHYSCHM. 19 - 19, pp. 2572 - 2578. 05/10/2018. ISSN 1439-4235
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Format: Journal
Citations: 5

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Type of production: Scientific paper
Source of citations: WOS

Format: Journal
Citations: 4

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Type of production: Scientific paper
Source of citations: WOS

Format: Journal
Citations: 1

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Corresponding author: No

Format: Journal

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Source of citations: WOS

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Citations: 0



- 45** D'Avino, Gabriele; Souto, Manuel; Masino, Matteo; Fischer, Jonas K. H.; Ratera, Imma; Fontrodona, Xavier; Giovannetti, Gianluca; Verstraete, Matthieu J.; Painelli, Anna; Lunkenheimer, Peter; Veciana, Jaume; Girlando, Alberto. Conflicting evidence for ferroelectricity. *NATURE*. 547 - 7662, pp. E9 - E13. 13/07/2017. ISSN 0028-0836
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Source of citations: WOS **Citations:** 0
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Source of citations: WOS **Citations:** 1
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Source of citations: WOS **Citations:** 4
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Source of citations: WOS **Citations:** 1
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Citations: 1

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Citations: 1

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Citations: 0



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Source of citations: WOS **Citations:** 0
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Source of citations: WOS **Citations:** 0
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Source of citations: WOS **Citations:** 88
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Citations: 70

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Citations: 59

- 406** Laukhina, E; Ribera, E; Vidal-Gancedo, J; Khasanov, S; Zorina, L; Shibaeva, R; Canadell, E; Laukhin, V; Honold, M; Nam, MS; Singleton, J; Veciana, J; Rovira, C. Halides of BET-TTF: Novel hydrated molecular metals. *ADVANCED MATERIALS*. 12 - 1, pp. 54 - +. 07/01/2000. ISSN 0935-9648

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Citations: 0

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Citations: 12

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Citations: 17

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Citations: 30

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- 572** Laukhina, E; Perez-Benitez, A; Mas-Torrent, M; Ribera, E; Vidal-Gancedo, J; Veciana, J; Rovira, C; Laukhin, V. Stability of metallic state in new hydrated molecular metals: (BET-TTF)(2)X center dot 3H(2)O (X = Cl, Br). MOLECULAR LOW DIMENSIONAL AND NANOSTRUCTURED MATERIALS FOR ADVANCED APPLICATIONS. 59, pp. 277 - 284. 2002. Available on-line at: <Conference of the NATO Advanced Research Workshop on Molecular Low-Dimension and Nanostructured Material for Advanced Applications>.

Legal deposit: SEP 01-05, 2001**Type of production:** B**Source of citations:** WOS**Citations:** 0

- 573** Simmons, F; Veciana, J; Wallace, J. Effects of dent removal on the design properties of fuselage skin material. COLLECTION OF THE 41ST AIAA/ASME/ASCE/AHS/ASC STRUCTURES, STRUCTURAL DYNAMICS, AND MATERIALS CONFERENCE AND EXHIBIT, VOL 1 PTS 1-3. pp. 891 - 901. 2000. Available on-line at: <AIAA/ASME/ASCE/AHS/ASC 41st Structures, Structural Dynamics, and Materials Conference>.

Legal deposit: APR 03-06, 2000**Type of production:** B**Source of citations:** WOS**Citations:** 0

- 574** Caro, J; VidalGancedo, J; Laukhin, V; Figueras, A; Rovira, C; Veciana, J. Molecular organic conductors: Thin films prepared from TTF and TCNQ used as precursors. PROCEEDINGS OF THE THIRTEENTH INTERNATIONAL CONFERENCE ON CHEMICAL VAPOR DEPOSITION. 96 - 5, pp. 800 - 807. 1996. Available on-line at: <13th International Conference on Chemical Vapor Deposition (CVD XIII), at the Electrochemical-Society Meeting>.

Legal deposit: MAY 05-10, 1996**Type of production:** B**Source of citations:** WOS**Citations:** 1

- 575** GENESCA, E; VECIANA, JM; OBIS, T. FINANCIAL STRUCTURE AND PROFITABILITY OF SMES VS LARGE COMPANIES - AN INTERNATIONAL STUDY. SMES: INTERNATIONALIZATION, NETWORKS AND STRATEGY. pp. 639 - 665. 1994. Available on-line at: <6th European Workshop on Recent Research on Entrepreneurship - SMES; Internationalization, Networks and Strategy>.

Legal deposit: NOV, 1992**Type of production:** B**Source of citations:** WOS**Citations:** 0

- 576** VECIANA, J; ROVIRA, C. STABLE POLYRADICALS WITH HIGH-SPIN GROUND-STATES. MAGNETIC MOLECULAR MATERIALS. 198, pp. 121 - 132. 1991. Available on-line at: <NATO ADVANCED RESEARCH WORKSHOP ON MAGNETIC MOLECULAR MATERIALS>.

Legal deposit: OCT 28-NOV 02, 1990**Type of production:** B**Source of citations:** WOS**Citations:** 4

- 577** KAHN, O; HENDRICKSON, DN; IWAMURA, H; VECIANA, J. THE DESIGN STRATEGIES ROUND-TABLE DISCUSSION. MAGNETIC MOLECULAR MATERIALS. 198, pp. 385 - 387. 1991. Available on-line at: <NATO ADVANCED RESEARCH WORKSHOP ON MAGNETIC MOLECULAR MATERIALS>.

Legal deposit: OCT 28-NOV 02, 1990**Type of production:** B**Source of citations:** WOS**Citations:** 2



- 578** Cell Type-Dependent Integrin Distribution in Adhesion and Migration Responses on Protein-Coated Microgrooved Substrates. 31/01/2019.
- 579** Influence of the donor unit on the rectification ratio in tunnel junctions based on donor–acceptor SAMs using PTM units as acceptors. 2018.
- 580** Synthesis and characterization of endohedral metallofulleride K(18-crown-6)[Ho@C₈₂(C_{2v})]. 2015.
- 581** Micro- and nanoformulation of APIs using CO₂ expanded solvents. 2013.
- 582** ChemInform Abstract: Polychlorotriphenylmethyl Radicals: Towards Multifunctional Molecular Materials. 08/11/2012.
- 583** Discrete portable measuring device for monitoring noninvasive intraocular pressure with a nano-structured sensing contact lens prototype. 2011.
- 584** Erratum: EPR properties of perchlorotriphenylmethyl radicals and their efficiency as DNP polarizers (Physical Chemistry Chemical Physics (2011) 13 DOI 10.1039/C1CP21970G). 2011.
- 585** Erratum: Grafting of monocarboxylic substituted polychlorotriphenylmethyl radicals onto a COOH-functionalized self-assembled monolayer through copper (II) metal ions (Langmuir (2008) 24 (6640-6648) DOI: 10.1021/la800771q). 2011.
- 586** Lightweight biocompatible physical sensors: Polymeric films self-metallized with organic molecular conductors. 2011.
- 587** Piezoresistive biocompatible membranes for flexible pressure sensors. 2011.
- 588** Polychlorotriphenylmethyl Radicals: Towards Multifunctional Molecular Materials. 13/07/2010.
- 589** ChemInform Abstract: Nitroxide-Based Organic Magnets. 20/05/2010.
- 590** Flexible film-based sensors structured with a high piezoresistive organic molecular conductor as an active component. 2010.
- 591** Editorial: Crystal engineering in molecular magnetism. 2009.



592 Erratum: (Chemistry - A European Journal (2004) 10 (1355-1365)). 2004.

593 Erratum: Spin transfer and magnetic interaction via phosphorus in nitronyl nitroxide radical substituted triphenyl-phosphine derivatives (Journal of Physical Chemistry A (2004) 108A (5907)). 2004.

594 Titelbild. 15/02/2002.

595 Nitroxide-Based Organic Magnets. 12/07/2001.

596 Solution state circular dichroism studies of chiral phenyl α -nitronyl nitroxide radicals. 05/2001.

597 Erratum: Persistent and transient open-shell species derived from C₆₀- TTF cyclohexene-fused dyads (Journal of Organic Chemistry (1998) 63 (5202)). 1998.

598 Structure-magnetism relationships in α -nitronyl nitroxide Radicals: Pitfalls and lessons to be learned. 1998.

599 Unusual transport and EPR properties of the (BET-TTF)-XF₆ salts (X=P As). 1997.

600 Erratum: (Synthesis 1992, 1164, p 165). 1993.

Works submitted to national or international conferences

1 **Title of the work:** Charge transport through redox and magnetically active molecules (Modification of surface metallic properties with redox and magnetic molecules)

Name of the conference: EMR 2020 Fall Meeting Symp EL07

Corresponding author: Yes

City of event: Boston (Virtual), United States of America

Date of event: 21/11/2020

2 **Title of the work:** FLUORESCENT ORGANIC NANOPARTICLES DEMONSTRATING HIGH FRET EFFICIENCY FOR THEIR USE AS BIOIMAGING PROBES

Name of the conference: NanoBioMed online Conference

Corresponding author: No

City of event: Barcelona, Spain

Date of event: 10/07/2020

Jaume Veciana; Nora Ventosa; Judit Morlá-Folch.



3 Title of the work: Nanomedicina. Un sueño hecho realidad

Name of the conference: Department of Inorganic and Organic Chemistry

Corresponding author: Yes

City of event: Castelló de la Plana, Spain

Date of event: 17/01/2020

Organising entity: Universitat Jaume I

4 Title of the work: Infrastructure for the Design, Production and Characterization of Nanomaterials, Biomaterials and Systems in Biomedicine

Name of the conference: Jornadas CIBER-BBN

Corresponding author: Yes

City of event: Tarragona, Spain

Date of event: 17/10/2019

End date: 18/10/2019

Organising entity: CIBER BIOINGENIERIA BIOMATERIALES Y NANOMEDICINA (CIBER-BBN)

5 Title of the work: Organic Free Radicals on Surfaces. A way to manipulate electronic properties of surfaces

Name of the conference: Spin Phenomena Interdisciplinary Center 2019

Corresponding author: Yes

City of event: Mainz, Germany

Date of event: 15/10/2019

End date: 18/10/2019

Organising entity: SPIC

6 Title of the work: Electronic transport through organic spin-containing (radical) molecules and their use for manipulating electronic properties of surfaces

Name of the conference: 13th International Symposium on Crystalline Organic Metals, Superconductors and Magnets

Corresponding author: Yes

City of event: Tomar, Portugal

Date of event: 22/09/2019

End date: 27/09/2019

Jaume Veciana.

7 Title of the work: FIRST ORGANIC FREE RADICALS AS CIRCULARLY POLARIZED EMITTERS

Name of the conference: 7th European Conference on Molecular Magnetism

Corresponding author: No

City of event: Florence, Italy

Date of event: 15/09/2019

End date: 18/09/2019

Jaume Veciana; Paula Mayorga-Burrezo.

8 Title of the work: Flexible Nanocomposite Bilayered Thin-Films as Sensing Materials

Name of the conference: Workshop South Korean – ICMAB on Flexible Electronics

Corresponding author: Yes

City of event: Barcelona, Spain

Date of event: 11/07/2019

Organising entity: Instituto de Ciencia de los Materiales de Barcelona

Type of entity: State agency



9 Title of the work: Electronic transport through organic spin-containing (radical) molecules and their use for manipulating electronic properties of surfaces

Name of the conference: Multiscale Phenomena in Molecular Matter (MULTIS2019)

Corresponding author: Yes

City of event: Kraków, Poland

Date of event: 01/07/2019

End date: 04/07/2019

10 Title of the work: Triphenylmethyl radical-based halogenated derivatives: where luminescence, magnetism and chirality gracefully coexist

Name of the conference: 31th International Symposium on Chirality 2019

Corresponding author: Yes

City of event: Bordeaux, France

Date of event: 14/06/2019

End date: 17/06/2019

Jaume Veciana; Paula Mayorga-Burrezo; Jaume Veciana.

11 Title of the work: Electronic transport through organic spin-containing molecules and their use for manipulating electronic properties of surfaces

Name of the conference: 14th International Symposium on Functional p-Electron Systems (Fp14)

Corresponding author: Yes

City of event: Berlin, Germany

Date of event: 02/06/2019

End date: 07/06/2019

12 Title of the work: Hydro resistive Flexible Nanocomposite Films based on Organic Molecular Metal

Name of the conference: E-MRS SPRING MEETING 2019: Nanofunctional Materials (Symposium P);

Corresponding author: Yes

City of event: Nice, France

Date of event: 27/05/2019

End date: 30/05/2019

13 Title of the work: Quatsomes: Novel Multifunctional Supramolecular Nanovesicles for Drug Delivery and Bioimaging Applications

Name of the conference: XXXVII Reunión Bienal de la Real Sociedad Española de Química

Corresponding author: Yes

City of event: Donostia-San Sebastián, Spain

Date of event: 26/05/2019

End date: 30/05/2019

Organising entity: Real Sociedad Española de Química

Type of entity: Others

14 Title of the work: Polymeric porous matrices produced by compressed fluids and impregnated with inclusion bodies for their use as 3D scaffolds for tissue engineering

Name of the conference: 17th European Meeting on Supercritical Fluids

Corresponding author: No

City of event: Ciudad Real, Spain

Date of event: 08/04/2019

End date: 11/04/2019

Jaume Veciana; Nora Ventosa.



15 Title of the work: QUATSOMES, NOVEL FLUORESCENT ORGANIC NANOPARTICLES AND THEIR USE AS BIOIMAGING PROBES

Name of the conference: SPIE Photonics 2019

Corresponding author: No

City of event: San Francisco, United States of America

Date of event: 02/02/2019

End date: 07/02/2019

Organising entity: SPIE

Judit Morlá; Nora Ventosa; Jaume Veciana.

16 Title of the work: Design and production of biomaterials, nanomaterials and devices to their preclinical validation

Name of the conference: Jornadas CIBER-BBN

Corresponding author: Yes

City of event: Valladolid, Spain

Date of event: 14/11/2018

Organising entity: CIBER BIOINGENIERIA BIOMATERIALES Y NANOMEDICINA (CIBER-BBN)

17 Title of the work: Quatsomes – new, thermodynamically stable nanovesicles

Name of the conference: 2018 International Conference on Self-Assembly of Colloidal Systems (SACS'18)

Corresponding author: No

City of event: Bordeaux, France

Date of event: 20/09/2018

End date: 22/09/2018

Jaume Veciana; Mariana Köber.

18 Title of the work: Electronic transport phenomena through organic spin-containing molecules

Name of the conference: The Multifunctional Materials based on Strategic Metals Meeting (M3E·CL)

Type of participation: Participatory - Plenary session

Corresponding author: Yes

City of event: Santiago de Chile, Chile

Date of event: 06/09/2018

End date: 08/09/2018

19 Title of the work: Exploring new molecular materials based on organic free radicals

Name of the conference: 16th International Conference on Molecule-based Magnets (ICMM 2018)

Type of participation: Participatory - Plenary session

Corresponding author: Yes

City of event: Rio de Janeiro, Brazil

Date of event: 01/09/2018

End date: 05/09/2018

20 Title of the work: THE ELECTRONIC SYMBIOSIS BETWEEN nTV MOLECULAR WIRES AND THEIR TERMINAL ACCEPTING •PTM UNITS

Name of the conference: 7th EUCHEMS 2018

Corresponding author: Yes

City of event: Liverpool, United Kingdom

Date of event: 26/07/2018

End date: 27/07/2018

Paula Mayorga-Burrezo; Jaume Veciana.



21 Title of the work: Highly sensitive temperature, strain and humidity sensors based on transparent molecule-based materials

Name of the conference: nanoMATERIALS &PLANTS ICMAB-CRAG MEETING

Type of participation: Participatory - oral communication

City of event: Bellaterra, Spain

Date of event: 16/07/2018

22 Title of the work: Organic Free Radical Molecules for Spintronics. The Influence of Linkers and Surfaces

Name of the conference: International Conference on Science and Technology of Synthetic Metals 2018

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: Busan, Republic of Korea

Date of event: 01/07/2018

End date: 06/07/2018

23 Title of the work: Organic Free Radical Molecules for Spintronics. The Influence of Linkers and Surfaces

Name of the conference: 47th International Conference on Coordination Chemistry

Corresponding author: Yes

City of event: Sendai, Japan

Date of event: 28/06/2018

End date: 30/06/2018

24 Title of the work: NANBIOSIS presentation

Name of the conference: Foro NANBIOSIS: APPLICACIONES DE NANOMEDICINA EN DRUG DELIVERY Y TARGETING

Type of event: Workshop

Type of participation: Organizational - President of Committee

City of event: Barcelona, Community of Madrid, Spain

Date of event: 21/06/2018

Organising entity: CIBER-BBN/NANBISOIS/NANOMED

25 Title of the work: Multifunctional nanovesicles for drug delivery applications

Name of the conference: RESPORÉ Network Meeting

Type of participation: Participatory - invited/keynote talk

City of event: Paris, France

Date of event: 17/04/2018

End date: 18/04/2018

Organising entity: Ecole Normale Supérieure

26 Title of the work: Research activities at NANOMOL

Name of the conference: H2020 Project “IPMT-Integrated Precision Medicine Technologies Center of Excellence”

Corresponding author: Yes

City of event: Barcelona, Spain

Date of event: 22/03/2018

End date: 23/03/2018

Organising entity: CIBER BIOINGENIERIA BIOMATERIALES Y NANOMEDICINA (CIBER-BBN)

27 Title of the work: NANBIOSIS presentation

Name of the conference: BIOMATERIALES INTELIGENTES Y DISPOSITIVOS BIOMÉDICOS PARA APPLICACIONES EN DRUG DELIVERY Y MEDICINA REGENERATIVA



Type of event: Workshop

Type of participation: Organizational - President of Committee

City of event: Madrid, Community of Madrid, Spain

Date of event: 22/02/2018

Organising entity: CIBER-BBN

28 Title of the work: BIOMATERIALES INTELIGENTES Y DISPOSITIVOS BIOMÉDICOS PARA APLICACIONES EN DRUG DELIVERY Y MEDICINA REGENERATIVA

Name of the conference: Foro Nanbiosis

Corresponding author: No

City of event: Madrid, Spain

Date of event: 22/02/2018

Organising entity: NANBIOSIS

Jaume Veciana; Nathaly Segovia.

29 Title of the work: Multifunctional supramolecular nanovesicles for drug delivery applications

Name of the conference: XVII Escuela Nacional de Materiales Moleculares

Corresponding author: Yes

City of event: Torremolinos, Spain

Date of event: 11/02/2018

End date: 16/02/2018

30 Title of the work: Bi-layered composite molecular materials with piezo-, pyro- and hygro-resistive properties and their sensing applications

Name of the conference: ORBITALY 2017 - Organic Bioelectronics

Type of event: Conference

Geographical area: European Union

Type of participation: Participatory - oral communication

City of event: Cagliari, Italy

Date of event: 25/10/2017

31 Title of the work: Smart-4-Fabry project: Smart multifunctional GLA-nanoformulation for treating Fabry disease"

Name of the conference: European Technical Platfor on Nanomedicine

Corresponding author: Yes

City of event: Málaga, Spain

Date of event: 17/10/2017

End date: 19/10/2017

Nora Ventosa; Jaume Veciana Miro.

32 Title of the work: Single Molecules with High-Spin Ground States. When the Environment Matters

Name of the conference: ISCOM2017. 12th International Symposium on Crystalline Organic Metals, Superconductors and Magnets

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: Zao, Miyagi, Japan

Date of event: 23/09/2017

33 Title of the work: Magnetic Exchange Coupling Modifications of HighSpin Organic Polyradicals by Mechanical Deformations and Electrochemical Gating

Name of the conference: 9th International Conference on Materials for Advanced Technologies (ICMAT 2017)



Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: Singapur, Singapore

Date of event: 19/06/2017

34 Title of the work: Organic Radical Molecules for Spintronics

Name of the conference: AMN8. 8th International Conference on Advanced Materials and Nanotechnology

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: Queenstown, New Zealand

Date of event: 12/02/2017

35 Title of the work: Organic Radical Molecules for Spintronics

Name of the conference: MOLESCO Workshop

Type of event: Conference

Geographical area: European Union

Type of participation: Participatory - invited/keynote talk

City of event: Granada,

Date of event: 18/01/2017

36 Title of the work: Chemical control over the energy-level alignment in a two-terminal junction

Name of the conference: ECMoS 2016, European Conference on Molecular Spintronics

Type of event: Conference

Geographical area: European Union

Type of participation: Participatory - oral communication

City of event: Bologna, Italy

Date of event: 17/11/2016

37 Title of the work: Single Molecules with High-Spin Ground States: The environment matters

Name of the conference: Magnetic Molecules a long-lasting attraccion.

Type of event: Conference

Geographical area: European Union

Type of participation: Participatory - oral communication

City of event: Firenze, Italy

Date of event: 14/11/2016

38 Title of the work: Multifunctional nanostructured composite materials as ultra sensitive sensors

Name of the conference: International conference Orbitaly2016

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: Santa Cesarea (Lecce), Italy

Date of event: 25/10/2016

39 Title of the work: Multifunctional Nanovesicles for Drug Delivery Applications

Name of the conference: ICREA Conference on Functional Nanocontainers

Type of event: Conference

Geographical area: European Union

Type of participation: Participatory - invited/keynote talk

City of event: Tarragona, Spain

Date of event: 17/10/2016

40 Title of the work: Electronic Transport Phenomenon through Organic Spin-Containing Molecules

Name of the conference: ICMM-2016. 15th International Conference on Molecule-Based Magnets

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk



City of event: Sendai, Japan

Date of event: 02/09/2016

41 Title of the work: Charge transport through organic radicals in solid state devices

Name of the conference: ICSM2016. The International Conference on Science and Technology of Synthetic Metals in 2016

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: Guangzhou, China

Date of event: 29/06/2016

42 Title of the work: Electronic transport phenomenon through organic spin-containing molecules

Name of the conference: Workshop in Memory of Carlo Taliani

Geographical area: European Union

Type of participation: Participatory - invited/keynote talk

City of event: Bolonia, Italy

Date of event: 09/06/2016

43 Title of the work: Electronic transport phenomenon through organic spin-containing molecules

Name of the conference: ESMoIna2016. European School on Molecular Nanoscience

Type of event: Seminar

Geographical area: European Union

Type of participation: Participatory - invited/keynote talk

City of event: Tordesillas, Spain

Date of event: 30/05/2016

44 Title of the work: Electronic transport phenomenon through organic spin-containing molecules

Name of the conference: Pacifichem 2015

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: Honolulu, Hawai, United States of America

Date of event: 12/12/2015

End date: 21/12/2015

45 Title of the work: Galactosidase A loaded nanoliposomes with enhanced enzymatic activity for Fabry disease

Name of the conference: Pacifichem 2015

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: Honolulu, Hawai, United States of America

Date of event: 12/12/2015

End date: 21/12/2015

46 Title of the work: Multifunctional Molecular Nanovesicles. A New Challenge for Drug Delivery

Name of the conference: NANOBIOAPP2015 "Latest Advances on Nanomaterials for Biomedical"

Type of participation: Participatory - invited/keynote talk

City of event: Barcelona, Spain

Date of event: 23/09/2015

47 Title of the work: Intramolecular charge transport through organic radicals

Name of the conference: ISCOM 2015. 11th International Symposium on Crystalline Organic Metals, Superconductors and Magnets.



Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: Bad Gogging, Germany

Date of event: 07/09/2015

48 Title of the work: A pyroresistive molecular material highly-sensitive to infrared radiation and its applications as a temperature sensor

Name of the conference: 13th European Conference on Molecular Electronics (ECME)

Type of event: Conference

Geographical area: European Union

Type of participation: Participatory - oral communication

City of event: Estrasburgo, France

Date of event: 31/08/2015

End date: 06/09/2015

49 Title of the work: Electronic Properties of Self-Assembled Monolayers of Electron Acceptor-Donor Dyads

Name of the conference: XXXV Bienal RSEQ

Geographical area: National

Type of participation: Participatory - invited/keynote talk

City of event: La Coruña, Spain

Date of event: 21/07/2015

50 Title of the work: Nanostructured supramolecular materials with conducting crystalline salts and their sensing applications

Name of the conference: International Conference on Advanced Complex Inorganic Nanomaterials, ACIN2015

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: Namur, Belgium

Date of event: 15/07/2015

51 Title of the work: Nanovesículas multifuncionales moleculares. Un nuevo reto en la liberación controlada de fármacos

Name of the conference: XVI Escuela Nacional de Materiales Moleculares

Geographical area: National

Type of participation: Participatory - invited/keynote talk

City of event: Santa Pola (Alicante),

Date of event: 02/02/2015

End date: 06/02/2015

52 Title of the work: Supramolecular organizations as novel nanomedicines for drug delivery

Name of the conference: NanoBio&Med 2014

Type of participation: Participatory - invited/keynote talk

City of event: Barcelona, Spain

Date of event: 18/11/2014

End date: 21/11/2014

Jaume Veciana.

53 Title of the work: Nanovesículas multifuncionales. Un nuevo reto en la liberación controlada de fármacos

Name of the conference: 2ª Escuela de Nanomedicina Nanomed

Geographical area: National

Type of participation: Participatory - invited/keynote talk



City of event: Alcalá de Henares, Spain

Date of event: 16/10/2014

Jaume Veciana.

54 Title of the work: Molecular Nanoscience and Organic Materials Department

Name of the conference: BIOSPAIN

Geographical area: National

Type of participation: Participatory - invited/keynote talk

City of event: Santiago de Compostela, Spain

Date of event: 25/09/2014

Jaume Veciana.

55 Title of the work: Supramolecular organization as novel nanomedicines for drug delivery

Name of the conference: Summer School Challenges in Supramolecular Chemistry

Geographical area: European Union

Type of participation: Participatory - oral communication

City of event: Strasbourg, France

Date of event: 09/09/2014

Jaume Veciana.

56 Title of the work: Electronic Properties of Oriented Dipoles in SAMs of Electron Acceptor-Donor Dyads

Name of the conference: ICCC41. The 41st International Conference on Coordination Chemistry

Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: Singapur, Singapore

Date of event: 22/07/2014

Jaume Veciana.

57 Title of the work: Polymeric nanocomposites with conducting organic crystals as deformation, humidity and/or radiation sensors

Name of the conference: ICSM2014

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: Turku, Finland

Date of event: 02/07/2014

End date: 07/07/2014

Jaume Veciana.

58 Title of the work: Organizing and processing functional supramolecular materials. Nanostructured materials with magnetic and electronic properties and their applications

Name of the conference: NARC-IOCD CONFERENCE: CHEMISTRY, CROSSWAY TOWARD INTERDISCIPLINARY SCIENCE

Geographical area: European Union

Type of participation: Participatory - invited/keynote talk

City of event: Namur, Bruselas, Belgium

Date of event: 03/06/2014

End date: 04/06/2014

Jaume Veciana.



59 Title of the work: Processing and production of nanovesicle-drug conjugates as novel nanomedicines with compressed fluids.

Name of the conference: MRS Spring meeting

Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: San Francisco, United States of America

Date of event: 21/04/2014

End date: 25/04/2014

Jaume Veciana.

60 Title of the work: Multifunctional nanovesicle-bioactive conjugates as nanomedicines

Name of the conference: Nanospain 2014

Geographical area: National

Type of participation: Participatory - invited/keynote talk

City of event: Madrid, Spain

Date of event: 11/03/2014

End date: 13/03/2014

Jaume Veciana.

61 Title of the work: Assembling and processing functional supramolecular materials. Nanostructured materials with magnetic, electronic and chemical, properties and their applications

Name of the conference: E-WISPOC 2014. European-Winter School on Physical Organic Chemistry

Geographical area: European Union

Type of participation: Participatory - invited/keynote talk

City of event: Bressanone, Italy

Date of event: 05/02/2014

Jaume Veciana.

62 Title of the work: Supramolecular organizations of free radicals on surfaces

Name of the conference: XV Escuela de Materiales Moleculares

Geographical area: National

Type of participation: Participatory - invited/keynote talk

City of event: Gandía, Spain

Date of event: 02/02/2014

Jaume Veciana.

63 Title of the work: Mixed--valence compounds. My first lesson from JPL on Molecular Electronics

Name of the conference: Journée scientifique en l'honneur de Jean-Pierre Launay "Les complexes de métaux de transition : valences mixtes, magnétisme, électronique et mécanique moléculaire"

Geographical area: European Union

Type of participation: Participatory - oral communication

City of event: Toulouse, France

Date of event: 20/11/2013

End date: 22/11/2013

64 Title of the work: Preparation of particulate molecular materials for drug delivery: challenges and perspectives

Name of the conference: First joint CSIC-CNRS workshop "Nanomaterials for Health"

Geographical area: European Union

Type of participation: Participatory - oral communication

City of event: Madrid, Spain



Date of event: 18/11/2013

End date: 19/11/2013

Jaume Veciana.

65 Title of the work: Multifunctional Nanovesicle-Bioactive Conjugates and Nanomedicines Prepared by a One-Step

Name of the conference: Nanotechnologies in Health: Current Challenges and Future Prospects

City of event: Barcelona,

Date of event: 09/10/2013

End date: 10/10/2013

Jaume Veciana.

66 Title of the work: Towards molecule-based wires and memories

Name of the conference: 44th IUPAC Word Chemistry Congres

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: Istanbul, Turkey

Date of event: 11/08/2013

End date: 16/08/2013

Jaume Veciana.

67 Title of the work: Ultra sensitive piezo-, pyro- and hygroresistive materials based on polymeric composites nanostructured with conducting crystalline solids

Name of the conference: 21st International Conference on the Chemistry of the Organic Solid State

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: Londres,

Date of event: 04/08/2013

End date: 08/08/2013

Jaume Veciana.

68 Title of the work: Towards Molecule-Based Wires and Memories

Name of the conference: Easter Island Nanoscience Conference (EINC)

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: Easter Island, Chile

Date of event: 04/06/2013

End date: 08/06/2013

Jaume Veciana.

69 Title of the work: Flexible thin films based on nanostructured polymeric composites as ultra sensitive piezoresistive materials and their applications"

Name of the conference: TechConnect World 2013

Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: Washington DC (, United States of America

Date of event: 12/05/2013

End date: 16/05/2013

Jaume Veciana.



70 Title of the work: Towards Multifunctional Materials with Tunable and Switchable Properties Based on Ferrocenyl Substituted Polychlorotriphenylmethyl Radicals

Name of the conference: 11th Ferrocene Colloquium 2013

Geographical area: European Union

Type of participation: Participatory - invited/keynote talk

City of event: Hanover, Germany

Date of event: 06/02/2013

End date: 08/02/2013

Jaume Veciana.

71 Title of the work: Materials as Nanocarriers for Drug Delivery

Name of the conference: XIV Escuela Nacional de Materiales Moleculares

Geographical area: National

Type of participation: Participatory - invited/keynote talk

City of event: Almagro (Ciudad Real), Spain

Date of event: 03/02/2013

End date: 05/02/2013

Jaume Veciana.

72 Title of the work: Nanostructured objects by hierarchical self assembly of open shell molecules". Oral communication

Name of the conference: ElecMol'12. 6th International Meeting on Molecular Electronics

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: Grenoble, France

Date of event: 04/12/2012

End date: 07/12/2012

Jaume Veciana.

73 Title of the work: Robust non-volatile memory devices based on self-assembled molecular monolayers. Attempts and successful experiments

Name of the conference: NANOCON 2012. II International Conference on Nanotechnology

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: Pune, India

Date of event: 18/10/2012

End date: 19/10/2012

Jaume Veciana Miró.

74 Title of the work: Nanostructured Objects by Hierarchical Self-assembling of Open-Shell Molecules

Name of the conference: The 13th International Conference on Molecule-based Magnets

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: Orlando, United States of America

Date of event: 07/10/2012

End date: 11/10/2012

Jaume Veciana Miró.

75 Title of the work: Robust Non-Volatile Memory Devices Based on Self-Assembled Molecular Monolayers. Attempts and Successful Experiments

Name of the conference: NANO4 - V Seminario Internacional de Nanociencia y Nanotecnologias



Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: La Habana, Cuba

Date of event: 17/09/2012

End date: 21/09/2012

Jaume Veciana Miró.

76 Title of the work: Towards Charge Storage Memory Devices Based on Electroactive Organic Molecules

Name of the conference: 4th EuCheMS Chemistry Congress

Type of event: Conference

Geographical area: European Union

Type of participation: Participatory - invited/keynote talk

City of event: Prague, Czech Republic

Date of event: 26/08/2012

End date: 30/08/2012

Jaume Veciana Miró.

77 Title of the work: Towards Charge Storage Memory Devices Based on Electroactive Organic Molecules

Name of the conference: NANO 2012 - XI International Conference on Nanostructured Materials

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: Rhodes, Greece

Date of event: 26/08/2012

End date: 31/08/2012

Jaume Veciana Miró.

78 Title of the work: Single-molecule magnets based on double-decker phthalocyanine Tb(III) complexes: New 2D and 3D organizations and properties

Name of the conference: IMRC 2012 - XXI International Materials research Congress 2012

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: Cancún, Mexico

Date of event: 17/08/2012

End date: 21/08/2012

Jaume Veciana Miró.

79 Title of the work: Single-Molecule Magnets Based on Double-Decker Phthalocyanine Lanthanide Complexes: New Organizations and their Magnetic Properties

Name of the conference: ICSM2012. International Conference on Science and Technology of Syntetic Metals

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: Atlanta, United States of America

Date of event: 08/07/2012

End date: 13/07/2012

Jaumje Veciana.

80 Title of the work: Towards Charge Storage Memory Devices Based on Electroactive Organic Molecules

Name of the conference: CIMTEC 2012 - 4th International Conference on Smart Materials, Structures and Systems

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk



City of event: Montecatini Terme (Florencia), Italy

Date of event: 10/06/2012

End date: 14/06/2012

Jaume Veciana Miró.

81 Title of the work: NANOMEDICINE Research at NANOMOL

Name of the conference: First Workshop on Nanomedicine UAB

Type of event: Workshop

Geographical area: National

Type of participation: Participatory - invited/keynote talk

City of event: Bellaterra (Barcelona), Catalonia, Spain

Date of event: 05/06/2012

End date: 05/06/2012

82 Title of the work: Single-molecule magnets based on double-decker phtalocyanine lanthanide complexes:

New organizations and properties

Name of the conference: 62nd Fujihara Seminar

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: Sendai, Japan

Date of event: 07/05/2012

End date: 10/05/2012

Jaume Veciana.

83 Title of the work: Soft-organic Thin-films, based on Nanostructured Polymeric Composites, as Ultra-sensitive Piezoresistive Sensors for Biomedical Applications

Name of the conference: NANOSPAIN 2012

Type of event: Conference

Geographical area: National

Type of participation: Participatory - invited/keynote talk

City of event: Santander, Cantabria, Spain

Date of event: 27/02/2012

End date: 01/03/2012

Jaume Veciana.

84 Title of the work: Procesamiento de materiales moleculares. Aplicaciones para la obtención de dispositivos

Name of the conference: XIII Escuela Nacional de Materiales Moleculares

Type of event: Conference

Geographical area: National

Type of participation: Participatory - invited/keynote talk

City of event: El Escorial, Community of Madrid, Spain

Date of event: 05/02/2012

End date: 10/02/2012

Jaume Veciana.

85 Title of the work: Flexible Biocompatible All-Organic Highly Sensitive Physical Sensors

Name of the conference: International Thematic Conference: Mechanoreceptor diagnosis and tactile translation

City of event: Moscow, Russia

Date of event: 28/11/2011

End date: 01/12/2011

C. Rovira, ; E.Laukhina; V. Laukhin; V. Lebedev; M. Mas-Torrent; R. Pfattner; J. Veciana.



86 Title of the work: Probing a double-decker phthalocyanine terbium(III) single-molecule magnet with MCD and XMCD when organized in 0- and 2-Dimensions

Name of the conference: 3rd Asian Conference on Coordination Chemistry

City of event: New Delhi, India

Date of event: 17/10/2011

Jaume Veciana.

87 Title of the work: A Robust Molecular Platform for Non-volatile Memory Devices with Optical and Magnetic Responses based on Self-assembled Monolayers of Radicals

Name of the conference: ISCOM' 2011

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: Gniezno-Poznan, Poland

Date of event: 25/09/2011

End date: 30/09/2011

Jaume Veciana.

88 Title of the work: Robust non-volatile memory devices based on self-assembled molecular monolayers. Attempts and successful experiments

Name of the conference: FUNMOLS Workshop

Type of event: Conference

Geographical area: National

Type of participation: Participatory - invited/keynote talk

City of event: Barcelona, Catalonia, Spain

Date of event: 04/09/2011

End date: 06/09/2011

Jaume Veciana.

89 Title of the work: A Robust Molecular Platform for Non-volatile Memory Devices with Optical and Magnetic Responses based on Self-assembled Monolayers

Name of the conference: IS-FOE11 - 4th International Symposium on Flexible Organic Electronics

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: Thessaloniki, Greece

Date of event: 10/07/2011

End date: 13/07/2011

Jaume Veciana.

90 Title of the work: Preparation of particulate molecular materials for drug delivery: Challenges and perspectives

Name of the conference: Joint NSC - CSIC Workshop on Nanomaterials

Type of event: Conference

Geographical area: European Union

Type of participation: Participatory - invited/keynote talk

City of event: Madrid, Community of Madrid, Spain

Date of event: 08/06/2011

End date: 09/06/2011

91 Title of the work: A journey to molecular memories using hybrid organic-inorganic surfaces based on electroactive organic compounds

Name of the conference: NANOITSELF - Advanced Functional nanocomposites by cooperative self-assembly

Type of event: Conference

Geographical area: European Union

Type of participation: Participatory - oral communication



City of event: Barcelona, Catalonia, Spain

Date of event: 05/06/2011

End date: 05/06/2011

Jaume Veciana.

92 Title of the work: A journey to molecular memories

Name of the conference: Symposium in Honor of Carlo Taliani

Type of event: Simposium

Geographical area: European Union

Type of participation: Participatory - invited/keynote talk

City of event: Bologna, Italy

Date of event: 22/05/2011

End date: 24/05/2011

Jaume Veciana.

93 Title of the work: Nanostructuring functional molecular materials. From basic science to applications

Name of the conference: D. Mendeleev University of Chemical Technology of Russia

Type of event: Seminar

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: Moscow, Russia

Date of event: 17/05/2011

End date: 17/05/2011

Jaume Veciana.

94 Title of the work: The nanoscale properties of bacterial inclusion bodies and their effect on mammalian cell proliferation

Name of the conference: E-MRS Spring Meeting; Symposium 11P "Bioinspired and biointegrated materials as new frontiers nanomaterials II"

Type of event: Conference

Geographical area: European Union

Type of participation: Participatory - invited/keynote talk

City of event: Niza, France

Date of event: 09/05/2011

End date: 13/05/2011

Jaume Veciana.

95 Title of the work: Non volatile molecular memory devices based on switchable and bistable self-assembled monolayers of electroactive organic radicals

Name of the conference: IMAGINENANO 2011; NanoBioMed 2011

Type of event: Conference

Geographical area: European Union

Type of participation: Participatory - invited/keynote talk

City of event: Bilbao, Basque Country, Spain

Date of event: 11/04/2011

End date: 14/04/2011

Jaume Veciana.

96 Title of the work: Particulate Molecular Materials for Drug delivery: Challenges in its Large-Scale Preparation

Name of the conference: IMAGINENANO 2011; NanoBioMed 2011

Type of event: Conference

Geographical area: European Union

Type of participation: Participatory - invited/keynote talk

City of event: Bilbao, Basque Country, Spain

Date of event: 11/04/2011



End date: 14/04/2011

Jaume Veciana.

97 Title of the work: Switchable and bistable self-assembled monolayers of electroactive organic radicals. A journey to molecular memories

Name of the conference: Advances in Organic Materials: A Symposium in Honor of Fred Wudl's 70th Birthday

Type of event: Simposium

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: California, United States of America

Date of event: 07/01/2011

End date: 08/01/2011

Jaume Veciana.

98 Title of the work: Single-molecule magnets based on double-decker phthalocyanine lanthanide complexes: New organizations and properties

Name of the conference: Pacifichem 2010 conference

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: Honolulu,

Date of event: 15/12/2010

End date: 20/12/2010

Jaume Veciana.

99 Title of the work: Soft organic thin films, based on nanostructured polymeric composites, as ultra sensitive piezoresistive sensors for biomedical applications

Name of the conference: NANOJASP 2010

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: Barcelona, Spain

Date of event: 29/11/2010

End date: 30/11/2010

Jaume Veciana.

100 Title of the work: Magnetic molecules and surfaces

Name of the conference: Workshop "Molecular Spintronics"

Type of event: Conference

Geographical area: European Union

Type of participation: Participatory - oral communication

City of event: Cernay-La-Ville, France

Date of event: 22/11/2010

End date: 24/11/2010

Jaume Veciana.

101 Title of the work: Selective picomolar detection of mercury (II) in water using a functionalized SAM with an organic receptor

Name of the conference: MSMLG-2010. Molecular Sensors and Molecular Logic Gates

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: Antalya, Turkey

Date of event: 22/10/2010

End date: 25/10/2010



Jaume Veciana.

102 Title of the work: Using a nanocomposite material to develop new plastic electronic devices

Name of the conference: European partnering event "Nano & Microtechnologies"

Type of event: Workshop

Geographical area: European Union

Type of participation: Participatory - invited/keynote talk

City of event: Londres, United Kingdom

Date of event: 20/10/2010

End date: 20/10/2010

Jaume Veciana.

103 Title of the work: Switchable Hybrid Molecule-Based Magnetic Materials as Robust Nonvolatile Memory OP-25 Devices

Name of the conference: The 12th International Conference on Molecule-Based Magnets

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: Beijing, China

Date of event: 08/10/2010

End date: 12/10/2010

Jaume Veciana.

104 Title of the work: Scale-up methods for preparing nanoparticles and vesicles for drug delivery

Name of the conference: Barcelona Innovation workshop: NanoBiotechnology & IT for Health

City of event: Bellaterra, Catalonia, Spain

Date of event: 04/10/2010

End date: 04/10/2010

Jaume Veciana.

105 Title of the work: Switchable and biestable self-assembled monolayers with electroactive organic radicals. A journey to molecular memories

Name of the conference: 2º Simposio Iberoamericano de Química Orgánica

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: Santiago de Compostela, Spain

Date of event: 09/09/2010

End date: 11/09/2010

Jaume Veciana.

106 Title of the work: Nanoparticles and vesicles as platforms for drug delivery

Name of the conference: 3er Seminario Internacional de Nanociencias y Nanotecnologías

Type of event: Seminar

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: La Habana, Cuba

Date of event: 06/09/2010

End date: 10/09/2010

Jaume Veciana.

107 Title of the work: Nanomedicine: The use of nanoparticles and vesicles as platforms for drug delivery

Name of the conference: The Power of Neutron Scattering techniques in Nano and Bio Sciences

Type of participation: Participatory - invited/keynote talk

City of event: Jaca, Spain



Date of event: 12/07/2010

End date: 16/07/2010

Jaume Veciana.

108 Title of the work: Soft organic films, based on nanostructured polymeric composites, as ultra sensitive piezoresistive materials and their applications

Name of the conference: ISMC 2010. 2nd International soft matter conference

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: Granada, Andalusia, Spain

Date of event: 05/07/2010

End date: 08/07/2010

Jaume Veciana.

109 Title of the work: Ultra sensitive piezoresistive all-organic flexible thin-films and strain sensors based on nanostructured polymeric composite materials

Name of the conference: NANOSEA 2010

Type of event: Conference

Type of participation: Participatory - invited/keynote talk

City of event: Cassis, France

Date of event: 28/06/2010

End date: 02/07/2010

Jaume Veciana.

110 Title of the work: Ultra Sensitive Piezoresistive All-Organic Flexible Thin-films and their Integration in Textiles

Name of the conference: E-MRS 2010

Type of event: Conference

Type of participation: Participatory - invited/keynote talk

City of event: Strasbourg, France

Date of event: 07/06/2010

End date: 11/06/2010

Jaume Veciana.

111 Title of the work: Surface Cell Growth Engineering Assisted by a Novel Bacterial Nanomaterial

Name of the conference: E-MRS 2010

Type of event: Conference

Type of participation: Participatory - invited/keynote talk

City of event: Strasbourg, France

Date of event: 07/06/2010

End date: 11/06/2010

Jaume Veciana.

112 Title of the work: Switable and Bistable self-assembled nanolayers with electroactive organic radicals. A journey to molecular memories

Name of the conference: Technion-nanoGUNE-Barcelona Symposium

Type of event: Conference

Type of participation: Participatory - invited/keynote talk

City of event: Tel Aviv, Israel

Date of event: 25/05/2010

End date: 27/05/2010



Jaume Veciana.

- 113 Title of the work:** Nanoparticles and vesicles as platforms for drug delivery

Name of the conference: Prosciba 2010. II Iberoamerican conference on supercritical fluids

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: Natal, Brazil

Date of event: 05/04/2010

End date: 09/04/2010

Jaume Veciana.

- 114 Title of the work:** Nanoestructuración de materiales moleculares funcionales para la obtención de dispositivos sensores y aplicaciones biomédicas

Name of the conference: XI Escuela Nacional de Materiales Moleculares

Geographical area: National

Type of participation: Participatory - invited/keynote talk

City of event: Peñafiel. Valladolid,

Date of event: 14/02/2010

End date: 19/02/2010

Jaume Veciana.

- 115 Title of the work:** Molecular materials for biomedical applications. Development of ultra sensitive strain and temperature sensors based on all-organic flexible nanocomposite thin-films

Name of the conference: Technion-BNC-NanoGune Meeting

Type of participation: Participatory - invited/keynote talk

City of event: San Sebastian, Spain

Date of event: 25/11/2009

Jaume Veciana.

- 116 Title of the work:** Nanostructuring functional molecular materials. Plastic electronic devices as temperature and/or strain sensors

Name of the conference: ESMOLNA 2009. Second European School on Molecular Nanoscience

Type of event: Conference

Geographical area: European Union

Type of participation: Participatory - invited/keynote talk

City of event: Benidorm, Spain

Date of event: 25/10/2009

Jaume Veciana.

- 117 Title of the work:** Electron tunneling studies across switchable and bistable surfaces made by self-assembling electroactive polychlorotriphenylmethyl radicals

Name of the conference: I.F. Schegolev Memorial Conference on "Low-Dimensional Metallic and Superconducting Systems"

Type of participation: Participatory - invited/keynote talk

City of event: Chernogolovka, Russia

Date of event: 11/10/2009

Jaume Veciana.

- 118 Title of the work:** Nanoestructuración de Materiales Supramoleculares Funcionales. De la Ciencia Básica a las Aplicaciones

Name of the conference: XIII Semana Científica "Antonio González"

Type of participation: Participatory - invited/keynote talk



City of event: La Laguna, Tenerife, Spain

Date of event: 09/10/2009

Jaume Veciana.

119 Title of the work: Development of ultra sensitive strain sensors based on all-organic flexible thin-films using conducting TTF salts

Name of the conference: ISCOM'09. The 8th International Symposium on Crystalline Organic Metals, Superconductors and Ferromagnets – The 64th Yamada Conference

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: Hokkaido, Japan

Date of event: 12/09/2009

Jaume Veciana.

120 Title of the work: Multi-Functional Surfaces by Self-Assembling Electroactive Polychlorotriphenylmethyl Radicals

Name of the conference: ECME 2009. European Conference on Molecular Electronics

Geographical area: European Union

Type of participation: Participatory - invited/keynote talk

City of event: Copenhagen, Denmark

Date of event: 09/09/2009

Jaume Veciana.

121 Title of the work: Preparación y caracterización de nuevos materiales nanoestructurados para la liberación controlada de fármacos" NANOFAR

Name of the conference: Jornada de Análisis de la Acción Estratégica de Nanociencia y Nanotecnología; ICMM (CSIC)

City of event: Madrid,

Date of event: 03/09/2009

Jaume Veciana.

122 Title of the work: Self-assembling and structuring functional materials based on tetrathiafulvalenes. From basic science to applications

Name of the conference: ICHAC-9. International Conference on Heteroatom Chemistry

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: Oviedo,

Date of event: 01/07/2009

Jaume Veciana.

123 Title of the work: Cultured cells with engineered bacterial biocompatible nanomaterials on surfaces

Name of the conference: Spring meeting E-MRS, Symposium L

Geographical area: European Union

Type of participation: Participatory - invited/keynote talk

City of event: Strasbourg,

Date of event: 10/06/2009

Jaume Veciana.

124 Title of the work: Nanostructuring functional molecular materials: From basic science to applied devices

Name of the conference: First European School on Molecular Nanoscience 2008.

Geographical area: European Union



Type of participation: Participatory - invited/keynote talk

City of event: Gandía, Spain

Date of event: 26/10/2008

Jaume Veciana.

125 Title of the work: Nanostructuring functional molecular materials: Strain and temperature sensors

Name of the conference: Symposium 'Supramolecular organization with electroactive systems'

Type of participation: Participatory - invited/keynote talk

City of event: Angers, France

Date of event: 13/10/2008

Jaume Veciana.

126 Title of the work: High-dimensional metal-organic frameworks based on organic free radicals showing magnetic properties

Name of the conference: MOF08. 1st International Conference on Metal-Organic Frameworks and Open Framework Compounds

City of event: Augsburg, Germany

Date of event: 08/10/2008

127 Title of the work: Nanostructuring functional molecular materials: Strain and temperature sensors

Name of the conference: COST Working Group Meeting (WG D35-0011-05) on Multifunctional and Switchable Molecular Materials: Design, Synthesis, Characterization and Preparation as Crystals and Thin Films

City of event: Florence, Italy

Date of event: 20/09/2008

Jaume Veciana.

128 Title of the work: Nanostructuring functional molecular materials: Strain and temperature sensors

Name of the conference: MAGMANet Workshop "Towards Devices: Assembling and Addressing Molecular Nanomagnets

City of event: Huesca, Spain

Date of event: 03/09/2008

Jaume Veciana.

129 Title of the work: Multi-Functional Magnetic Organic-Inorganic Hybrid Surfaces by Self-Assembling of Polychlorotriphenylmethyl Radicals

Name of the conference: Global COE International Symposium on Perspectives in Inorganic-Organic Hybrid Materials

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: Sendai, Japan

Date of event: 01/08/2008

130 Title of the work: Future perspectives for devices based on magnetically active molecules. Magnetic Porous Molecule-based Materials

Name of the conference: The 57th Fujihara Seminar on New Prospects on Molecular Magnetism

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: Tomakomai, Hokkaido, Japan

Date of event: 28/07/2008

Jaume Veciana.



131 Title of the work: Nanostructuring functional molecular materials

Name of the conference: ICSM 2008. International Conference on Science and Technology of Synthetic Metals

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: Porto de Galinhas, Pernambuco, Brazil

Date of event: 06/07/2008

Jaume Veciana.

132 Title of the work: Nanostructuring molecules as particles and vesicles for drug delivery using dense-gas technologies

Name of the conference: NanoBio Europe 2008

City of event: Barcelona, Spain

Date of event: 09/06/2008

Jaume Veciana.

133 Title of the work: Nanostructuring functional molecular materials

Name of the conference: Annual Meeting of Chubu Nanotechnology Network Project

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: Okasaki, Japan

Date of event: 21/03/2008

Organising entity: Institute for Molecular Science **Type of entity:** University

Jaume Veciana.

134 Title of the work: Nanostructuring functional molecular materials

Name of the conference: Global COE & RCMS Workshop on New Concepts and Materials for Electronics and Magnetism

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: Nagoya, Japan

Date of event: 17/03/2008

Organising entity: Institute for Molecular Science

Jaume Veciana.

135 Title of the work: Nanoporous Molecular Magnets

Name of the conference: IDECAT-MAGMANet-NANOFUNPOLY NoEs Joint Workshop 2008

Geographical area: European Union

Type of participation: Participatory - invited/keynote talk

City of event: Firenze, Italy

Date of event: 10/03/2008

Jaume Veciana.

136 Title of the work: Nanostructuring of Magnetic Molecules on Surfaces

Name of the conference: IX Escuela Nacional de Materiales Moleculares

Geographical area: National

Type of participation: Participatory - invited/keynote talk

City of event: Peñíscola,

Date of event: 17/02/2008

Jaume Veciana.



137 Title of the work: Metal-Organic Frameworks based on Organic Free Radicals showing Magnetic Properties

Name of the conference: 2008 Eurasia Conference on Chemical Sciences

Geographical area: Non EU International

City of event: Manila, Philippines

Date of event: 07/01/2008

Jaume Veciana.

138 Title of the work: Open-Framework Molecular Showing Porosity and Magnetic Ordering

Name of the conference: 4th International Conference of Africa Materials Research Society

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: Dar es Salaam, Tanzania

Date of event: 14/12/2007

Jaume Veciana.

139 Title of the work: Nanoestructuración de materiales moleculares funcionales. Nuevas Tecnologías para la Obtención de Materiales Moleculares Micro- y Nano-estructurados para la Liberación controlada de Fármacos

Name of the conference: 1er Seminario Internacional de Nanociencia

Type of event: Seminar

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: La Habana, Cuba

Date of event: 11/09/2007

Jaume Veciana.

140 Title of the work: Nanoestructuración de materiales moleculares funcionales

Name of the conference: 1er Workshop sobre Nanotecnología Analítica

Type of event: Workshop

Geographical area: National

Type of participation: Participatory - invited/keynote talk

City of event: Córdoba, Spain

Date of event: 16/07/2007

Jaume Veciana.

141 Title of the work: Structuring, patterning and self-assembling bistable magnetic molecules on surfaces

Name of the conference: MC8: Advancing Materials by Chemical Design

Type of event: Conference

Geographical area: European Union

Type of participation: Participatory - invited/keynote talk

City of event: Londres, United Kingdom

Date of event: 02/07/2007

Jaume Veciana.

142 Title of the work: Preparation of micro- and nanoparticulate materials using compressed fluids

Name of the conference: Summer School on Supercritical Fluids and Materials

Type of event: Conference

Geographical area: European Union

Type of participation: Participatory - invited/keynote talk

City of event: Arcachon, France

Date of event: 25/06/2007

Jaume Veciana.



- 143** **Title of the work:** Structuring, patterning and self-assembling bistable magnetic molecules on surfaces
Name of the conference: Summer School on Women-in-nano: Career Development and Research Trends
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - invited/keynote talk
City of event: Coma-ruga, Spain
Date of event: 01/06/2007
Jaume Veciana.
- 144** **Title of the work:** Advances in the structuring and patterning of single-molecule magnets on surfaces
Name of the conference: VIII Escuela Nacional de Materiales Moleculares
Type of event: Conference **Geographical area:** National
Type of participation: Participatory - invited/keynote talk
City of event: Estepona, Málaga, Spain
Date of event: 20/05/2007
Jaume Veciana.
- 145** **Title of the work:** Magnetic Porous Materials with Purely Organic and Metal-Organic Frameworks
Name of the conference: ESF Exploratory Workshop on Genesis and Applications of Active Metal-Organic Frameworks
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - invited/keynote talk
City of event: Dourdan, France
Date of event: 25/04/2007
- 146** **Title of the work:** Processing of Pharmaceutical Active Compounds as Micron and Submicron Sized Powders by DELOS Process
Name of the conference: I Iberoamerican Conference on Supercritical Fluids
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - invited/keynote talk
City of event: Iguaçú,
Date of event: 01/04/2007
J. Veciana; E. Elizondo; M. Muntó; N. Ventosa; S. Sala.
- 147** **Title of the work:** CO₂-Expanded Solvents versus Conventional Solvents in the Preparation of Particulate Functional Molecular Materials
Name of the conference: 8th International Symposium on Supercritical Fluids
Geographical area: Non EU International
Type of participation: Participatory - oral communication
City of event: Kyoto, Japan
Date of event: 06/11/2006
End date: 09/11/2006
Jaume Veciana.
- 148** **Title of the work:** Advances in the Structuring and Patterning of Mn₁₂ Single-Molecule Magnets on Surfaces
Name of the conference: Workshop on "Current Trends in Nanoscopic and Mesoscopic Magnetism
Type of participation: Participatory - invited/keynote talk
City of event: Santorini, Greece
Date of event: 06/09/2006
End date: 09/09/2006
Jaume Veciana.



149 Title of the work: PTM radicals as ligands: from mononuclear complexes to 3D nanoporous and magnetic coordination polymers

Name of the conference: 10th International Conference on Molecule-based Magnets

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk

City of event: Victoria, Canada

Date of event: 13/08/2006

End date: 17/08/2006

Jaume Veciana.

150 Title of the work: Advances in the Structuring and Patterning of Single-Molecule Magnets on Surfaces

Name of the conference: OAMS06. Organizing and Adressing Molecules on Surfaces

Geographical area: European Union

Type of participation: Participatory - oral communication

City of event: Platja d'Aro, Spain

Date of event: 24/05/2006

End date: 28/05/2006

Jaume Veciana.

151 Title of the work: Advances in the Structuring and Patterning of Single-Molecule Magnets on Surfaces

Name of the conference: MAGNETISME MOLECULAIRE (GEMME-GMI- Opération transverse
Magnétisme moléculaire/Strasbourg

Type of participation: Participatory - oral communication

City of event: Strasbourg, France

Date of event: 04/04/2006

Jaume Veciana.

152 Title of the work: Advances in the Structuring and Patterning of Single-Molecule Magnets on Surfaces

Name of the conference: Spanish Molecular Electronics Symposium

Geographical area: National

Type of participation: Participatory - invited/keynote talk

City of event: San Sebastian, Spain

Date of event: 24/03/2006

End date: 24/03/2006

Jaume Veciana.

153 Title of the work: Nanochemistry Platform

Name of the conference: 3rd Nanospain Worshop

Geographical area: National

Type of participation: Participatory - oral communication

City of event: Pamplona, Spain

Date of event: 20/03/2006

End date: 23/03/2006

Jaume Veciana.

154 Title of the work: Nanoporous Molecular Magnets

Name of the conference: 6th Symposium on Application of Molecular Spins: from Nanomagnets to Biological Spin Systems

Geographical area: Non EU International

Type of participation: Participatory - invited/keynote talk



City of event: Nagoya,
Date of event: 14/03/2006
End date: 15/03/2006
Jaume Veciana.

- 155 Title of the work:** Advances in the Structuring and Patterning of Mn12 Single-Molecule Magnets on Surfaces
Name of the conference: International Conference on Single-Molecule Quantum Magnets and Single-Chain Quantum Magnets; New Generation of Quantum Molecular Nano-Magnets
Geographical area: Non EU International
Type of participation: Participatory - invited/keynote talk
City of event: Okazaki, Aichi, Japan
Date of event: 11/03/2006
End date: 13/03/2006
Jaume Veciana.
- 156 Title of the work:** Nanoporous molecular materials
Name of the conference: Summer School on Stereochemical Aspects of Novel Materials. The International Center for Materials Research (ICMR)
Geographical area: Non EU International
Type of participation: Participatory - invited/keynote talk
City of event: Santa Barbara, California, United States of America
Date of event: 14/08/2005
End date: 27/08/2005
Jaume Veciana.
- 157 Title of the work:** Deposition and Nanopatterning of Mn-12 Single-Molecule Magnets on Surfaces
Name of the conference: International Workshop on Nanomagnetism COMA-RUGA 2005
Geographical area: Non EU International
Type of participation: Participatory - invited/keynote talk
City of event: Coma-Ruga, Spain
Date of event: 03/07/2005
End date: 07/07/2005
Jaume Veciana.
- 158 Title of the work:** Supramolecular Approaches to Nanoporous Molecular Magnetic Materials. From Nanoscale Clusters to 3-D Magnets
Name of the conference: EMRS 2005 Spring Meeting. Symposium on Advanced Functional Nanomaterials. From Nanoscale Objects to nanostructured Inorganic and Hybrid Materials
Geographical area: European Union
Type of participation: Participatory - invited/keynote talk
City of event: Strasbourg, France
Date of event: 31/05/2005
End date: 02/06/2005
Jaume Veciana.
- 159 Title of the work:** Microscopic Understanding of CO₂-Expanded Solutions: A Relevant Knowledge for the Production of Nano- and Micron-Sized Powders through the DELOS Process
Name of the conference: ISSF 2005. International Symposium on Supercritical Fluids
Geographical area: Non EU International
Type of participation: Participatory - oral communication



City of event: Orlando, United States of America

Date of event: 01/05/2005

End date: 04/05/2005

Jaume Veciana.

160 Title of the work: Materiales magnéticos moleculares orgánicos y metal-orgánicos

Name of the conference: VII Escuela Nacional de Materiales Moleculares

Geographical area: National

Type of participation: Participatory - invited/keynote talk

City of event: Boí Taüll, Spain

Date of event: 29/03/2005

End date: 06/04/2005

Jaume Veciana.

161 Title of the work: Nanoporous Molecular Magnetic Materials

Name of the conference: COST D14 Workshop on "Perspectives of functional molecules and molecular materials"

Geographical area: European Union

Type of participation: Participatory - invited/keynote talk

City of event: Toulouse, France

Date of event: 17/03/2005

End date: 19/03/2005

Jaume Veciana.

162 Title of the work: Nanoporous Molecular Magnetic Materials

Name of the conference: COST D14 Workshop on "Perspectives of functional molecules and molecular materials"

Geographical area: European Union

Type of participation: Participatory - others

City of event: Toulouse, France

Date of event: 17/03/2005

End date: 19/03/2005

Jaume Veciana.

163 Title of the work: Intramolecular Electron Transfer in Organic Radical Ions. Molecular Nanowires

Name of the conference: Transport through Single Molecules Workshop

Type of participation: Participatory - oral communication

City of event: Lorentz Center, Holland

Date of event: 07/03/2005

End date: 12/03/2005

Jaume Veciana.

164 Title of the work: Self-Assembled Nanoporous Molecular Magnets

Name of the conference: International Conference on Nanotechnology: Science and Application,

Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: Luxor, Egypt

Date of event: 20/02/2005

End date: 25/02/2005

Jaume Veciana.



165 Title of the work: Magnetic Metal-Organic and Purely Organic Nanoporous Supramolecular Architectures Based on Free Radicals
Name of the conference: ERA Chemistry Workshop. Hierarchically Organized Chemical Structures:
Geographical area: European Union
Type of participation: Participatory - invited/keynote talk
City of event: Mainz, Germany
Date of event: 17/02/2005
End date: 19/02/2005
Jaume Veciana.

166 Title of the work: 2) Exploring new molecular materials based on organic free radicals. The case of triphenylmethyl radical
Name of the conference: Institute of Physical and Theoretical Chemistry
Corresponding author: Yes
End date: 28/11/2018
Organising entity: University of Tübingen
City organizing entity: Tübingen, Germany

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

1 Committee title: ECMols20 Scientific Advisory Board

City affiliation entity: Dortmund, Germany

Start-End date: 29/09/2020 - 02/10/2020

2 Committee title: "International Scientific Committee" of "International Conference on Molecular Magnetism"; (ICMM 2020)

City affiliation entity: Nottingham, United Kingdom

Start-End date: 01/09/2020 - 05/09/2020

3 Committee title: International Scientific Committee" of "International Conference on Science and Technology of Synthetic Metals"; (ICSM 2020)

City affiliation entity: Glasgow, United Kingdom

Start-End date: 01/07/2020 - 06/07/2020

4 Committee title: XVIII Escuela Nacional de Materiales Moleculares 2020

City affiliation entity: Santiago de Compostela, Andalusia, Spain

Start-End date: 11/02/2020 - 16/02/2020

5 Committee title: International Advisory Board of the 7th European Conference on Molecular Magnetism (ECMM'19)

City affiliation entity: Florence, Italy

Start-End date: 15/09/2019 - 17/09/2019

6 Committee title: ECMols20 Scientific Advisory Board

City affiliation entity: Peñiscola, Spain

Start-End date: 21/10/2018 - 24/10/2018



7 Committee title: "International Scientific Committee" of "International Conference on Molecular Magnetism"; (ICMM 2018)

City affiliation entity: Rio de Janeiro, Brazil

Start-End date: 01/09/2018 - 05/09/2018

8 Committee title: International Scientific Committee" of "International Conference on Science and Technology of Synthetic Metals"; (ICSM 2018)

City affiliation entity: Busan, Republic of Korea

Start-End date: 01/07/2018 - 06/07/2018

9 Committee title: XVII Escuela Nacional de Materiales Moleculares 2018

City affiliation entity: Torremolinos, Andalusia, Spain

Start-End date: 11/02/2018 - 16/02/2018

10 Committee title: International Advisory Board of the 6th European Conference on Molecular Magnetism (ECMM'17)

City affiliation entity: Bucharest, Romania

Start-End date: 27/08/2017 - 31/08/2017

11 Committee title: International Advisory Board of NanoSpain 2017

City affiliation entity: San Sebastian, Basque Country, Spain

Start-End date: 15/03/2017 - 18/03/2017

12 Committee title: "International Scientific Committee" of "International Conference on Molecular Magnetism"; (ICMM 2016)

City affiliation entity: Sendai, Japan

Start-End date: 04/09/2016 - 08/09/2016

13 Committee title: International Scientific Committee" of "International Conference on Science and Technology of Synthetic Metals"; (ICSM 2016)

City affiliation entity: Guan Zhou, China

Start-End date: 26/06/2016 - 01/07/2016

14 Committee title: International Advisory Board of NanoSpain 2016

City affiliation entity: Logroño, La Rioja, Spain

Start-End date: 15/03/2016 - 18/03/2016

15 Committee title: XVI Escuela Nacional de Materiales Moleculares 2016

City affiliation entity: Santa Pola, Valencia, Valencian Community, Spain

Start-End date: 01/02/2016 - 06/02/2016

16 Committee title: International Advisory Board of the 5th European Conference on Molecular Magnetism (ECMM'15)

City affiliation entity: Zaragoza, Spain

Start-End date: 06/09/2015 - 10/09/2015

17 Committee title: III International Conference on Nanotechnology (NANOCON 2014)

City affiliation entity: Pune (India),

Start-End date: 14/10/2014 - 15/10/2014



- 18 Committee title:** "International Scientific Committee" of "International Conference on Molecular Magnetism"; (ICMM 2014)
City affiliation entity: Sant Petersburg, Russia
Start-End date: 06/07/2014 - 10/07/2014
- 19 Committee title:** International Scientific Committee" of "International Conference on Science and Technology of Synthetic Metals"; (ICSM 2014)
City affiliation entity: Turku, Finland
Start-End date: 30/06/2014 - 05/07/2014
- 20 Committee title:** International Advisory Board of NanoSpain 2014
City affiliation entity: Madrid,
Start-End date: 12/03/2014 - 14/02/2014
- 21 Committee title:** XV Escuela Nacional de Materiales Moleculares 2014
City affiliation entity: Gandía, Valencia,
Start-End date: 03/02/2014 - 07/02/2014
- 22 Committee title:** "International Program Committee" of XIII Mediterranean Conference on Medical and Biological Engineering and Computing" MEDICON2013
City affiliation entity: Seville, Andalusia, Spain
Start-End date: 25/09/2013 - 28/09/2013
- 23 Committee title:** International Advisory Board of the 4th European Conference on Molecular Magnetism (ECMM'13)
City affiliation entity: Karlsruhe, Germany
Start-End date: 06/09/2013 - 10/09/2013
- 24 Committee title:** XIV Escuela Nacional de Materiales Moleculares
City affiliation entity: Almagro, Ciudad Real,
Start-End date: 05/02/2013 - 10/02/2013
- 25 Committee title:** II International Conference on Nanotechnology (NANOCON 2012)
City affiliation entity: Pune (India),
Start-End date: 18/10/2012 - 19/10/2012
- 26 Committee title:** International Conference on Molecular Magnetism (ICMM 2012)
City affiliation entity: Orlando, FL, USA,
Start-End date: 07/10/2012 - 11/10/2012
- 27 Committee title:** 4º Seminario Internacional de Nanociencias y Nanotecnologías
City affiliation entity: La Habana, Cuba
Start-End date: 17/09/2012 - 21/09/2012
- 28 Committee title:** Vth International Conference on Molecular Materials (MOLMAT 2012)
City affiliation entity: Barcelona (Spain),
Start-End date: 03/07/2012 - 06/07/2012
- 29 Committee title:** 4a Reunión de Expertos en Técnicas de Fluidos Comprimidos, Red FLUCOMP
City affiliation entity: Madrid (Spain),
Start-End date: 28/06/2012 - 29/06/2012



30 Committee title: Miembro del "International Advisory Board" de "NANOSPAIN 2012"

City affiliation entity: Santander, Spain

Start-End date: 27/02/2012 - 01/03/2012

31 Committee title: XIII Escuela Nacional de Materiales Moleculares

City affiliation entity: El Escorial, Madrid,

Start-End date: 05/02/2012 - 10/02/2012

32 Committee title: International Conference on Science and Technology of Synthetic Metals (ICSM 2011)

City affiliation entity: Atlanta, USA,

Start-End date: 01/06/2011 - 06/06/2011

33 Committee title: Miembro del "International Advisory Board" de "NANOSPAIN 2011"

City affiliation entity: Bilbao, Spain

Start-End date: 11/04/2011 - 14/04/2011

34 Committee title: XII Escuela Nacional de Materiales Moleculares

City affiliation entity: Benicassim, Castellón,

Start-End date: 07/02/2011 - 11/02/2011

35 Committee title: 3rd European Conference on Molecular Magnetism (ECMM'11)

City affiliation entity: Paris, France

Start-End date: 2011 - 2011

36 Committee title: 2nd International Conference on Metalorganic Frameworks and Open Framework Compounds (MOF 2010)

City affiliation entity: Marseille (France),

Start-End date: 05/09/2010 - 08/09/2010

37 Committee title: International Conference on Science and Technology of Synthetic Metals (ICSM 2010)

City affiliation entity: Kyoto, Japan,

Start-End date: 04/07/2010 - 09/07/2010

38 Committee title: 2nd Iberoamerican Meeting on Supercritical Fluids (PROSCIBA 2010)

City affiliation entity: Natal (Brazil),

Start-End date: 05/04/2010 - 09/04/2010

39 Committee title: Miembro del "International Advisory Board" de "NANOSPAIN 2010"

City affiliation entity: Málaga, Spain

Start-End date: 23/03/2010 - 26/03/2010

40 Committee title: XI Escuela Nacional de Materiales Moleculares

City affiliation entity: Peñafiel, Valladolid,

Start-End date: 14/02/2010 - 18/02/2010

41 Committee title: 3er Seminario de Nanociencia y Nanotecnologías

City affiliation entity: La Habana, Cuba,

Start-End date: 2010 - 2010



- 42 Committee title:** International Conference on Molecular Magnetism (ICMM 2010)
City affiliation entity: Beijing, China,
Start-End date: 2010 - 2010
- 43 Committee title:** Second European School on Molecular Nanoscience (ESMoNA 2009)
City affiliation entity: Benidorm, Spain,
Start-End date: 25/10/2009 - 30/10/2009
- 44 Committee title:** Miembro Honorario del "International Scientific Committee" de la "NANOTECH INSIGHT 2009"
City affiliation entity: Barcelona (Spain),
Start-End date: 29/03/2009 - 02/04/2009
- 45 Committee title:** NANOSPAIN 2009
City affiliation entity: Zaragoza (Spain),
Start-End date: 10/03/2009 - 12/03/2009
- 46 Committee title:** X Escuela Nacional de Materiales Moleculares
City affiliation entity: Elche (Valencia),
Start-End date: 08/02/2009 - 13/02/2009
- 47 Committee title:** 3ra Reunión de Expertos en Técnicas de Fluidos Comprimidos, Red FLUCOMP
City affiliation entity: Madrid (Spain),
Start-End date: 04/02/2009 - 06/02/2009
- 48 Committee title:** 2nd European Conference on Molecular Magnetism (ECMM'09)
City affiliation entity: Wroclaw (Poland),
Start-End date: 2009 - 2009
- 49 Committee title:** First European School on Molecular Nanoscience (ESMoNA 2008)
City affiliation entity: Gandía, Spain,
Start-End date: 28/10/2008 - 31/10/2008
- 50 Committee title:** 1st International Conference on Metalorganic Frameworks and Open Framework Compounds (MOF 2008)
City affiliation entity: Augsburg (Germany),
Start-End date: 08/10/2008 - 10/10/2008
- 51 Committee title:** International Conference on Molecular Magnetism (ICMM'2008)
City affiliation entity: Firenze (Italy),
Start-End date: 21/09/2008 - 24/09/2008
- 52 Committee title:** The 57th Fujihara Seminar on New Prospects on Molecular Magnetism
City affiliation entity: Hokkaido, Japan,
Start-End date: 28/07/2013 - 31/07/2008
- 53 Committee title:** International Conference on Science and Technology of Synthetic Metals (ICSM 2008).
City affiliation entity: Porto de Galinhas, Pernambuco, Brazil,
Start-End date: 06/07/2008 - 11/07/2008



54 Committee title: NANOSPAIN 2008

City affiliation entity: Braga (Portugal),

Start-End date: 14/05/2008 - 18/05/2008

55 Committee title: IX Escuela Nacional de Materiales Moleculares

City affiliation entity: Peñíscola (Castellón),

Start-End date: 17/02/2008 - 21/02/2008

56 Committee title: 11th European Meeting on Supercritical Fluids, ISASF

City affiliation entity: Barcelona (Spain),

Start-End date: 2008 - 2008

57 Committee title: 1st Iberoamerican Meeting on Supercritical Fluids (PROSCIBA 2006)

City affiliation entity: Iguazú Falls (Argentina),

Start-End date: 10/04/2007 - 13/04/2007

58 Committee title: 4th NANOSPAIN Workshop

City affiliation entity: Sevilla,

Start-End date: 2007 - 2007

59 Committee title: 8^a Escuela Nacional de Materiales Moleculares

City affiliation entity: Estepona, Malaga,

Start-End date: 2007 - 2007

60 Committee title: International Conference on Chirality at the Nanoscale

City affiliation entity: Sitges (Spain),,

Start-End date: 2007 - 2007

61 Committee title: International Symposium on Crystalline Organic Conductors, Superconductors and Ferromagnets (ISCOM'07)

City affiliation entity: Peñíscola (Spain),

Start-End date: 2007 - 2007

62 Committee title: Symposium R: DCM4-II: Design, characterisation and modelling of molecule-based magnetic materials" en el European Materials Research Society Spring Meeting

Start-End date: 2007 - 2007

63 Committee title: 10th International Conference on Molecule-based Magnets

City affiliation entity: Victoria (Canada),

Start-End date: 2006 - 2006

64 Committee title: 1st European Conference on Molecular Magnetism (ECMM'06)

City affiliation entity: Tomar (Portugal),

Start-End date: 2006 - 2006

65 Committee title: 3rd NanoSpain Workshop

City affiliation entity: Pamplona,

Start-End date: 2006 - 2006



66 Committee title: International Conference on Synthetic Metals-2006 (ICSM 2006)

City affiliation entity: Dublin (Irlanda),

Start-End date: 2006 - 2006

67 Committee title: 2nd NanoSpain Workshop

City affiliation entity: Barcelona,

Start-End date: 2005 - 2005

68 Committee title: 2ª Reunión de Expertos en Técnicas de Fluidos Comprimidos, Red FLUCOMP.

City affiliation entity: Valladolid, Spain

Start-End date: 2005 - 2005

69 Committee title: 4ª Escuela Nacional de Resonancia Paramagnética Electrónica.

City affiliation entity: Alicante,

Start-End date: 2004 - 2004

70 Committee title: IXIth International Conference on Molecule-Based Magnets

City affiliation entity: Tsukuba (Japan),

Start-End date: 2004 - 2004

71 Committee title: International Conference on Science and Technology of Synthetic Metals (ICSM'04)

City affiliation entity: Wollongong (Australia),

Start-End date: 2004 - 2004

72 Committee title: 1ª Reunión de Expertos en Técnicas de Fluidos Comprimidos, Red FLUCOMP.

City affiliation entity: Madrid,

Start-End date: 2003 - 2003

73 Committee title: 6ª Escuela Nacional de Materiales Moleculares; La Azohia.

City affiliation entity: Cartagena,

Start-End date: 2003 - 2003

74 Committee title: 1er NanoSpain Workshop

City affiliation entity: San Sebastian, Spain

End date: 2003

75 Committee title: European Science Foundation Advanced Workshop: Chemical Tools and New Trends for Molecular Magnetism (International Advisory Committee)

City affiliation entity: Dourdan, France

End date: 2002

76 Committee title: International Conference on Science and Technology of Synthetic Metals (International Advisory Committee)

City affiliation entity: Shanghai, China

End date: 2002

77 Committee title: VIIIth International Conference on Molecule-Based Magnets (International Advisory Committee)

City affiliation entity: Valencia, Spain

End date: 2002



- 78 Committee title:** 5^a Escuela Nacional de Materiales Moleculares.
City affiliation entity: Peñíscola,
Start-End date: 2001 - 2001
- 79 Committee title:** European Workshop on Molecular Photomagnetism (International Advisory Committee)
City affiliation entity: Frankfurt, Germany
End date: 2001
- 80 Committee title:** International Conference on Science and Technology of Synthetic Metals (International Advisory Committee)
City affiliation entity: Gastein, Austria
End date: 2000
- 81 Committee title:** VIIth International Conference on Molecule-Based Magnets (International Advisory Committee)
City affiliation entity: San Antonio, TX, United States of America
End date: 2000
- 82 Committee title:** International Conference on Science and Technology of Synthetic Metals (International Advisory Committee)
City affiliation entity: Montpellier, France
Start-End date: 1998 - 1998
- 83 Committee title:** 3^a Escuela Nacional de Resonancia Paramagnética Electrónica
City affiliation entity: Burgos,
Start-End date: 1991 - 1991
- 84 Committee title:** Editorial Advisory Board of "ChemistryOpen" journal
Start date: 2011

Organization of R&D activities

- 1 Title of the activity:** 2nd European Conference on Molecular Spintronics (ECMols2018)
Type of activity: Organization of Conference
City convening entity: Peñíscola, Valencian Community, Spain
Start-End date: 22/10/2018 - 24/10/2018
- 2 Title of the activity:** Nano2Fun Mid-Term Meeting
Type of activity: Organization
City convening entity: Barcelona, Catalonia, Spain
Start-End date: 15/09/2015 - 16/09/2015
- 3 Title of the activity:** 4^a Escuela Nacional de Materiales Moleculares
Type of activity: Miembro del Comité Científico Asesor
City convening entity: Lorenzo del Escorial, Spain
Start date: 1999



4 Title of the activity: First European Workshop on Molecular Magnetism: From Materials Toward Devices
Type of activity: Miembro del Comité Organizador y Director
City convening entity: Sitges, Spain
Start date: 1999

5 Title of the activity: 2ª Escuela Nacional de Resonancia Paramagnética Electrónica
Type of activity: Miembro del Comité Científico Asesor
City convening entity: Granada, Spain
Start date: 1997

6 Title of the activity: 3ª Escuela Nacional de Materiales Moleculares
Type of activity: • Miembro del Comité Científico Asesor
City convening entity: Jaca, Spain
Start date: 1997

7 Title of the activity: III European Meeting on Electron and Energy Transfer in Model Systems and Their Implicacion in Molecular Electronics
Type of activity: Miembro del Comité Organizador y Director
City convening entity: Sitges, Spain
Start date: 1997

8 Title of the activity: 2ª Escuela Nacional de Materiales Moleculares
Type of activity: Director y Miembro del Comité Organizador y del Comité Científico Asesor
City convening entity: Rialp, Spain
Start date: 1995

9 Title of the activity: 1ª Escuela Nacional de Materiales Moleculares
Type of activity: Miembro del Comité Científico Asesor
City convening entity: Peñíscola, Spain
Start date: 1993

10 Title of the activity: 2ª Jornadas de Química Orgánica
Type of activity: Comité Organizador
City convening entity: Siguenza, Spain
Start date: 1988

11 Title of the activity: NATO-Advanced Research Workshop on Supramolecular Engineering of Synthetic Metallic Materials; Conductors and Magnets
Type of activity: Director y Miembro del Comité Organizador
City convening entity: Sitges, Spain
Start date: 1988



R&D management

1 Name of the activity: Scientific Director of ICTS NANBIOSIS

Type of management: Management of R&D&I actions and projects

Performed tasks: Direction and advise

Entity: CIBER-BBN

Start date: 01/01/2014

Duration: 4 years - 6 months

2 Name of the activity: Co-fundador y asesor científico senior de la empresa de base tecnológica ("spin-off")

Entity: NANOMOL Technologies, S.A.

Start date: 2010

Duration: 3 years

3 Name of the activity: Presidente de la Sociedad Española de Fluidos Comprimidos (FLUCOMP);

Entity: FLUCOMP

Start date: 2008

Duration: 5 years

4 Name of the activity: Group Leader del Centro de Investigación Biomédica en Red en Bioingeniería, Biomateriales y Nanomedicina (CIBER-BB)

Entity: CIBER BIOINGENIERIA BIOMATERIALES Y NANOMEDICINA (CIBER-BBN)

Start date: 2006

Duration: 7 years

5 Name of the activity: Co-fundador y asesor científico de la empresa de tipo "start-up" Activery Biotech SL

Entity: ACTIVERY BIOTECH, S.L.

Start date: 2004

Duration: 9 years

6 Name of the activity: Programa: "Red Temática de Expertos en Tecnologías de Fluidos Comprimidos"

Performed tasks: Coordinador de la Red Temática Española FLUCOMP que agrupa a más de 190 científicos y tecnólogos de 39 instituciones académicas y 10 empresas

Entity: Flucomp

Type of entity: Associations and Groups

Start date: 2003

Duration: 2 years

7 Name of the activity: Programa: "Molecular Magnetism, from Materials Towards Devices"

Type of management: Management of body

Performed tasks: Coordinador y responsable científico de una Red Europea TMR que implica a 8 Laboratorios Europeos

Start date: 2000

Duration: 3 years

8 Name of the activity: Director del Departamento de Materiales Moleculares y Supramoleculares

Type of management: Group management

Performed tasks: Director

Entity: Instituto de Ciencia de los Materiales de Barcelona

Type of entity: Public Research Body

Start date: 1997



National and international forums and committees

1 Name of the forum: European RESPORÉ Network

Professional category: Scientific advise

Organising entity: Ecole Normale Supérieure

City organizing entity: Paris, France

Start-End date: 15/04/2021 - 16/04/2021

2 Name of the forum: European RESPORÉ Network

Professional category: Scientific advise

Organising entity: Ecole Normale Supérieure

City organizing entity: Paris, France

Start-End date: 01/01/2018 - 31/12/2019

3 Name of the forum: European RESPORÉ Network

Professional category: Scientific advise

Organising entity: Ecole Normale Supérieure

City organizing entity: Paris, France

Start-End date: 01/01/2019 - 03/01/2019

4 Name of the forum: Grupo Español de Resonancia Paramagnética Electrónica

Professional category: Vicepresidente

Organising entity: Asociación

City organizing entity: Madrid, Community of Madrid, Spain

Start-End date: 01/01/2003 - 31/12/2006

5 Name of the forum: Consell d'Assessorament, Seguiment, i Avaluació (CASA) de la CIRIT per el II i III Pla de Recerca de Catalunya

Professional category: Miembro del Consejo

Organising entity: Generalitat de Catalunya **Type of entity:** CIRIT

City organizing entity: Barcelona, Catalonia, Spain

Start-End date: 01/01/2001 - 31/12/2004

6 Name of the forum: Comisión Técnica Ad-Hoc de Materiales del Programa Europeo COST

Professional category: Representante Español en el Comité Ad-Hoc

Organising entity: Comisión Europea **Type of entity:** Organismo

City organizing entity: Bruselas, Belgium

Start-End date: 01/01/1991 - 31/12/2004

7 Name of the forum: Comité de Gestión de la Acción Concertada Europea COST D14 del área de Química

Professional category: Representante Español en el Comité de Gestión

Organising entity: Comisión Europea **Type of entity:** COST

City organizing entity: Bruselas, Belgium

Start-End date: 01/01/1999 - 31/12/2003

8 Name of the forum: Comité de Gestión de la Acción Concertada Europea COST D10 del área de Química

Professional category: Representante Español en el Comité de Gestión

Organising entity: Comisión Europea **Type of entity:** COST

City organizing entity: Bruselas, Belgium



Start-End date: 01/01/1998 - 31/12/2002

9 Name of the forum: Comité de Gestión de la Acción Concertada Europea COST D4 del Área de Química
Professional category: Representante Español en el Comité de Gestión
Organising entity: Comisión Europea
Type of entity: COST
City organizing entity: Bruselas, Belgium
Start date: 01/01/1994 - 31/12/1998

10 Name of the forum: MOBIEU Infraia infrastructure
Organising entity: Institut Pasteur
City organizing entity: Paris, France
Start date: 03/05/2019

11 Name of the forum: Consell Assesor Campus Composit UdG
Professional category: Scientific advisor
Organising entity: Universitat de Girona
City organizing entity: Girona, Spain
Start date: 01/01/2014

12 Name of the forum: Comisión encargada de crear el Instituto de Ciencia de Materiales de Barcelona
Professional category: Miembro de comisión
Organising entity: Consejo Superior de Investigaciones Científicas
Type of entity: State agency
City organizing entity: Barcelona, Catalonia, Spain
Start date: 01/01/1987

Evaluation and revision of R&D projects and articles

1 Name of the activity: EXPRO Committee Member
Performed tasks: Reviewer panel
Entity where activity was carried out: Czech Science Foundation
City of entity: Czech Republic
Start-End date: 01/01/2018 - 31/12/2021

2 Name of the activity: Evaluation of projects on materials science
Performed tasks: ANR reviewer
Entity where activity was carried out: French National Research Agency (ANR)
Start-End date: 01/01/2020 - 31/12/2020

3 Performed tasks: Evaluator of Ciencia de Frontera 2019 proposals
Entity where activity was carried out: CONACYT
City of entity: Mexico
Start-End date: 01/01/2020 - 31/12/2020

4 Name of the activity: National projects evaluations
Performed tasks: Review panel member
Entity where activity was carried out: Academy of Finland
City of entity: Helsinki, Finland
Start-End date: 01/01/2018 - 31/12/2020

**5 Name of the activity:** Reviewer**Performed tasks:** ICREA Peer Evaluator**Entity where activity was carried out:** ICREA Catalunya**City of entity:** Spain**Start date:** 14/01/2021**6 Performed tasks:** PRF reviewer**Entity where activity was carried out:** Paris Region Fellowship Programme**City of entity:** France**Start date:** 24/11/2020**7 Name of the activity:** Proposal reviewer**Performed tasks:** ERC StG reviewer**Entity where activity was carried out:** European Research Council**Start date:** 11/05/2020**8 Name of the activity:** Reviewer**Performed tasks:** Reviewer of grant proposal**Entity where activity was carried out:** National Science Center, Poland**Start date:** 14/03/2019**9 Name of the activity:** Project reviewer**Performed tasks:** US DOE reviewer**Entity where activity was carried out:** Department of Energy (USA)**City of entity:** United States of America**Start date:** 07/01/2019**10 Performed tasks:** Evaluacion de la "National Science Foundation"**City of entity:** United States of America**11 Performed tasks:** Evaluador Journal Physical Chemistry A and B**City of entity:** United States of America**12 Performed tasks:** Evaluador Journal Supercritical Fluids**City of entity:** United States of America**13 Performed tasks:** Evaluador Journal of Materials Chemistry**City of entity:** United Kingdom**14 Performed tasks:** Evaluador Journal of Organometallic Chemistry**City of entity:** United States of America**15 Performed tasks:** Evaluador Journal of Solid State Chemistry**City of entity:** United States of America**16 Performed tasks:** Evaluador Journal of the American Chemical Society**City of entity:** United States of America



17 **Performed tasks:** Evaluador New Journal of Chemistry

City of entity: United Kingdom

18 **Performed tasks:** Evaluador de Agencia Nacional Promoción Científica y Tecnológica de Argentina, ANPCT

City of entity: Argentina

19 **Performed tasks:** Evaluador de Chemistry A European Journal

City of entity: Germany

20 **Performed tasks:** Evaluador de European Journal of Inorganic Chemistry

City of entity: Germany

21 **Performed tasks:** Evaluador de European Journal of Organic Chemistry

City of entity: Germany

22 **Performed tasks:** Evaluador de la Agencia Nacional de Evaluación y Prospectiva, ANEP

City of entity: Spain

23 **Performed tasks:** Evaluador de la GIP Agence nationale de la recherche para el programa Programme National en Nanosciences et Nanotechnologies –PNANO”

City of entity: France

24 **Performed tasks:** Evaluador de la State Secretariat of Home Affairs DHA – Saste Secretariat for Education and Research SER de la Swiss Confederation

City of entity: Switzerland

25 **Performed tasks:** Evaluador de la revista Advanced Functional Materials

City of entity: Germany

26 **Performed tasks:** Evaluador de la revista Advanced Materials

City of entity: Germany

27 **Performed tasks:** Evaluador de la revista Angewandte Chemie Int. Ed.

City of entity: Germany

28 **Performed tasks:** Evaluador de la revista Chemical Communications

City of entity: United Kingdom

29 **Performed tasks:** Evaluador de la revista Chemistry of Materials

City of entity: United States of America

30 **Performed tasks:** Evaluador de la revista Dalton Transactions

City of entity: United Kingdom



31 **Performed tasks:** Evaluador de la revista Inorganic Chemistry

City of entity: United States of America

32 **Performed tasks:** Evaluador de la revista Molecular Crystals and Liquid Crystals

City of entity: United Kingdom

33 **Performed tasks:** Evaluador de la revista NATURE

City of entity: United Kingdom

34 **Performed tasks:** Evaluador de la revista Nature Chemistry

City of entity: United Kingdom

35 **Performed tasks:** Evaluador de la revista Nature Materials

City of entity: United Kingdom

36 **Performed tasks:** Evaluador de la revista Science

City of entity: United States of America

37 **Performed tasks:** Evaluador de la revista Synthetic Metals

City of entity: United States of America

38 **Performed tasks:** Evaluador de la Àrea de Investigació y Tecnología. Oficina de Ciencia y Tecnología, OCyT, Generalitat de Valencia

City of entity: Valencian Community, Spain

39 **Performed tasks:** Evaluador de la “Agència de Gestió d’Ajuts Universitaris i de Recerca”, AGAUR

City of entity: Catalonia, Spain

40 **Performed tasks:** Evaluador de la “European Research Council”.

41 **Performed tasks:** Evaluador de la “European Science Foundation”.

42 **Performed tasks:** Evaluador de la “New Energy and Industrial Technology Development Organization”, NEDO, MITI

City of entity: Japan

43 **Performed tasks:** Evaluador del National Science Fundation

City of entity: United States of America

44 **Performed tasks:** Evaluador del Vicerrectorado de Investigación y Relaciones Internacionales de la UPV/EHU

City of entity: Basque Country, Spain



- 45 Performed tasks:** Evaluador del “Ministry of Education, University and Research”, MUIR-COFIN
City of entity: Italy

Other achievements

Stays in public or private R&D centres

Entity: Johns Hopkins University **Type of entity:** University
Faculty, institute or centre: Chemistry Department
City of entity: Baltimore, United States of America
Start-End date: 01/11/1982 - 31/12/1983
Goals of the stay: Post-doctoral
Provable tasks: Estudios y desarrollo de materiales moleculares conductores

Co-operation networks

- 1 Name of the network:** “Centro de Investigación Biomédica en Red CIBER “Bioingeniería, Biomateriales y Nanomedicina” – Programa INGENIO 2010
Start date: 01/01/2007 **Duration:** 3 years
- 2 Name of the network:** European Technological Platform (ETP) in Nanomedicine
Start date: 01/01/2006
- 3 Name of the network:** Centro IT
Identification of the network: Red TECNIO
Tasks carried out: Co-director
Start date: 2006
- 4 Name of the network:** Molecular Approach to Nanomagnets and Multifunctional Materials
Identification of the network: MAGMANET
Start date: 01/05/2005 **Duration:** 4 years
- 5 Name of the network:** Sistemas de Liberación de Moléculas Activas (SLMA)”
Start date: 01/01/2005 **Duration:** 5 years
- 6 Name of the network:** Tecnologías Productivas Empleando Fluidos Comprimidos
Identification of the network: FLUCOMP
Start date: 01/06/2002
- 7 Name of the network:** Magnetic molecular materials
Identification of the network: Human Capital and Mobility. Scientific and Technical Cooperation Networks. E.E.C.C.
Start date: 01/01/1993 **Duration:** 3 years



Prizes, mentions and distinctions

1 Description: Scientific Excellence Prize

Awarding entity: Societat Catalana de Química IEC

City awarding entity: Barcelona, Catalonia, Spain

Conferral date: 01/05/2021

2 Description: Mention of Honor, from the President of Extremadura, for his commitment, effort and dedication in the creation of the Singular Scientific Technologic Infrastructures (ICTS) NANBIOSIS

Awarding entity: Minimally Invasive Surgery Center Jesus Uson

City awarding entity: Cáceres, Spain

Conferral date: 2017

3 Description: Mención de Honor Especial del Premio EXPOQUIMIA I+D+i

Conferral date: 2011

4 Description: Premio "Sabadell Ciutat Emprendedora" 2010

Conferral date: 2010

5 Description: XV Premio DuPont de la Ciencia

Awarding entity: Dupont Ibérica, S.L.

Type of entity: Business

Conferral date: 2005

6 Description: Medalla de la FEIQUE

Awarding entity: Federación Empresarial de la Industria Química Española

Type of entity: Associations and Groups

Conferral date: 2004

7 Description: Premio de Investigación de la Real Sociedad Española de Química

Awarding entity: Real Sociedad Española de Química

Type of entity: Asociación

Conferral date: 2004

8 Description: XV Premio SOLVAY a la Investigación en Ciencia Químicas

Awarding entity: SOLVAY QUÍMICA, S.L.

Conferral date: 2001

9 Description: Premio a la Investigación de la "Fundación Domingo Martínez"

Conferral date: 1995



Periods of research activity

1 Nº of recognized periods: 6

Certifying entity: Consejo Superior de Investigaciones Científicas

Type of entity: State agency

City certifying entity: Madrid, Community of Madrid, Spain

Date of recognition: 19/10/2010

2 Nº of recognized periods: 6

Certifying entity: MINECO

City certifying entity: Madrid, Community of Madrid, Spain

Date of recognition: 01/01/2010